Pol. b. LXIII-17

Digitized by Google

NUOVA

ENCICLOPEDIA

POPOLARE

S·I·N·I·A SBN

NUOVA

ENCICLOPEDIA

POPOLARE

OVVERO

DIZIONARIO GENERALE

DI SCIENZE, LETTERE, ARTI, STORIA, GEOGRAFIA, ECC. ECC.

OPERA

COMPILATA SULLE MIGLIORI IN TAL GENERE, INGLESI, TEDESCHE E FRANCESI
COLL'ASSISTENZA E COL CONSIGLIO DI SCIENZIATI E LETTERATI ITALIANI

corredata

DI MOLTE INCISIONI IN LEGNO INSERITE NEL TESTO
E DI TAVOLE IN RAME

« Indocti discant, ament meminisse periti. »

TAVOLE

BIBLIOTECA NAZIONALE VITTORIO EMANUELE III NAPOLI

TORINO
GIUSEPPE POMBA E COMP. EDITORI
1849

Digitized by Google

Torino—STAMPERIA SOCIALE DEGLI ARTISTI TIPOGRAFI.

GLI EDITORI

Nel nostro programma in data del 1° novembre 1841 noi avevamo promesso (§. v) che le tavole incise in rame che l'associato doveva pagare a parte oltre il testo, non avrebbero oltrepassato il numero delle dispense. Noi ci siamo serbati fedeli a quella promessa; le dispense sono 366 e le tavole non sono che 364.

Noi in quel programma (§. v) ci eravamo serbata la facoltà di dare, allo stesso prezzo, tavole incise in rame alternate anche con altre litografate, e noi, tranne la XLII (M) che è in legno e che non poteva essere altrimenti perchè rappresentante il fac-simile di un'antica incisione in legno, noi, badando nullamente al maggior nostro dispendio, ma solo al maggior lustro dell'opera, abbiamo date le tavole tutte incise in rame.

Noi ci eravamo obbligati (§. III) di far ascendere a circa 1500 le figure incise in legno e che gratuitamente doveano essere inserite nel testo, e queste, senza che l'associato abbia minimamente aumentata la spesa, ammontarono a ben 2249, fra le quali vi hanno ben 407 ritratti, che formano senza dubbio la più ricca galleria di ritratti che abbiano finora date le più copiose biografie apparse in Italia.

Tutto questo noi abbiamo creduto non un diritto, ma un dovere di esporre onde dimostrare che se grande fu la cortesia del Publico nel favorire questa nostra impresa, del che è un solenne attestato la terza edizione a cui dovemmo metter mano mentre non era l'opera ancor giunta al mezzo del suo cammino, non piccioli furono gli sforzi nostri per mostrarci non ingrati a tanta cortesia, per renderci non immeritevoli di un tanto favore.

Delle tavole offriamo due indici; l'uno in ordine sistematico di materie, l'altro in ordine numerico. Col primo abbiamo cercato di prospettare al lettore il complesso delle dottrine illustrate con figure, ed un mezzo di rintracciare quel qualunque oggetto che per avventura gli occorresse di conoscere e ne ignorasse l'articolo che ad esso avrebbe potuto indirizzarlo; coll'altro abbiamo voluto offrire al legatore la norma dietro cui debbono essere le tavole coordinate, perchè più facile riesca al lettore il rintracciarle, ogni qualvolta il testo rimandi a qualcheduna di esse. — E qui ne giova rendere ragione di quelle poche lacune che si riscontrano qua e colà nella progressiva loro numerizzazione.

Diremo dunque che siffatte lacune dovevano essere e furono rese inevitabili dal modo con cui fummo costretti publicare le tavole stesse. Ci spieghiamo. Le tavole dovevano essere tutte distribuite e coordinate sotto tante rubriche speciali, quante erano le speciali dottrine di cui trattava la Encielopedia, siccome per esempio *Agricoltura*, *Astronomia*, *Botanica*, *Mecanica*, *Tecnologia* ecc.; e le tavole di ciascuna di queste stesse rubriche doveano poi essere pure fra loro collegate in un altro ordine progressivo ed in quel numero a cui la materia le avrebbe po-

tuto estendere. Ma, siccome ognun vede, non ci era assolutamente possibile il determinare fin dal principio della stampa, il numero preciso delle rubriche speciali, e molto meno delle tavole che ciascuna rubrica avrebbe potuto abbracciare. Ciò ne condusse a dover prestabilire in via approssimativa ed *a priori* un dato numero di rubriche, ed un dato numero di tavole per ciascuna rubrica: l'esito non ha sempre esattamente corrisposto ai nostri calcoli preventivi, e, per essere mancata la materia, alcuni numeri prestabiliti per alcune rubriche rimasero in bianco, e molte tavole non raggiunsero il numero per ogni rubrica prestabilito. Di qui le lacune che si riscontrano nella distribuzione numerica tanto delle rubriche, quanto delle tavole, come può scorgersi, per esempio, al numero v che salta all'VIII perchè la rubrica *Agricoltura* a cui erano state prefisse anche le tavole VI e VII si esaurì colla tavola V; e come può anche vedersi alla tavola XXV (E) ove si salta alla tavola XXV (M) perchè la rubrica *Architettura civile* non prestò materia per le tavole XXV (F) e XXV (G) ad essa preventivamente assegnate.

Ma mentre alcuni numeri prestabiliti per le rubriche e per le tavole da esse comprese rimasero in bianco per mancata materia, avvenne poi anche che alcuni altri di questi numeri furono alla materia insufficienti; e di qui il bisogno di suddividere uno stesso numero coi segni delle lettere alfabetiche, le quali, per l'esuberanza delle materie, vennero pur esse stesse talvolta suddivise con duplicazione di lettere e con asterischi. Siccome può vedersi, per esempio, alle tavole XXV, che dovette suddividersi in tante lettere alfabetiche, come le XXV (A) XXV (B) ecc., le quali dovettero poi venir esse stesse duplicate, come si vede alle tavole XXV (AA) XXV (BB) ecc.; come pure alla tavola XXV (V), la quale dovette essere suddivisa in un'altra tavola XXV (V').

È però a dirsi che da siffatte lacune niun disordine reale ne proviene all'opera giacchè l'ordine principale e vero in tal coordinazione non consiste altrimenti che nella esatta corrispondenza tra i numeri delle tavole e le relative citazioni che sono nel testo dell'opera; corrispondenza che venne strettamente conservata, tranne qualche lieve eccezione, a cui si è proveduto con le piccole note che si leggono a' piedi dello stesso iudice numerico.

Come già accennammo, le tavole ascendono al numero di 364; nè certamente potrà sembrare ad alcun associato troppo gravosa la spesa che costarono quando voglia considerare che esse servono di illustrazione ad un'Enciclopedia la quale contiene ben 28,755 articoli, due quinti dei quali sono tutti di scienze positive le di cui descrizioni e dimostrazioni si fanno al tutto incomprensibili senza averne sott'occhio disegnato il relativo oggetto; che anzi il bisogno delle dottrine avrebbe portate queste tavole ad un numero ben assai maggiore, se, per menomare le spese ai nostri associati, e nel tempo stesso non nuocere ai bisogni della scienza ed alla perspicuità del testo, non avessimo ricorso all'espediente di far sì che un gran numero di quelle figure, specialmente di matematica, di tecnologia e di mecanica, che avrebbero potuto essere date nelle tavole da pagarsi a parte, venissero intercalate nel testo; e questa fu una delle ragioni per cui le figure incise in legno date gratuitamente oltrepassarono di ben 700 il numero a cui ci eravamo obbligati.

INDICE

DELLE TAVOLE DELLA ENCICLOPEDIA POPOLARE

distribuite per ordine sistematico di materia

Agricoltura. Aratri Tav. IV. — Erpici Tav. V.

Anatomia. Tav. XII (C) XIV (B).

Antropologia. Tipi delle diverse razze umane Tav. XVII (F), (G), (H), (I).

Araldica. Bandiere marittime delle diverse potenze del mondo Tav. LXXXVI, LXXXVII, LXXXVIII, LXXXIX, XC. — Coccarde delle diverse potenze del mondo Tav. XXVII (P). — Corone e stemmi diversi Tav. XVIII (A), (B), (C), (D).

Archeologia. Antichità etrusche Tav. XVII. — Architettura egizia Tav. XXI (A). — Avanzi di Ercolano e Pompei Tav. XVII (A). — Candelabri antichi Tav. XVI (C), (D). — Carri antichi Tav. XVI (E). — Fori romani Tav. XVII (D). — Vasi etruschi Tav. XVI (A), (B).

Architettura civile. Archi Tav. XXV. — Carceri penitenziarie Tav. LIII, LIII (A), (B), (C). — Cariatidi Tav. XXV (A). — Colonne Tav. XXV (B), (C). Ordini d'architettura Tav. XIX, XX. — Ornati architettonici Tav. XXV (D), XXV (E). — Monumenti diversi Tav. XXIV. — Tempi antichi Tav. XLI, XLV, XLVI. — Viadutti Tav. XLIII.

Architettura idraulica. Acquedotti Tav. I e II. — Dighe Tav. XXV (M). — Doks di Londra Tav. XXV (N) e (O). — Fari Tav. XXV (S) e (T). — Fontane Tav. XXV (V), (V') e (W). — Forme Tav. XXV (R). — Macchine effossorie Tav. XXV (P) (Q). — Piscine e cisterne Tav. XVI (H). — Ponti Tav. XXV (AA), (BB), (CC), (DD). — Tunnel Tav. XLIII (J) XLIV.

Architettura religiosa. Catacombe Tav. XVI (F), (G). — Catedrali e chiese Tav. XXII, XXII (A), (B), (C), XXIII, XXIII (A), (B), (C), (D), (D'). — Cupole Tav. XXIII (E).

Arte militare. Armi ed armature antiche, cioè etrusche, romane, britanne, sassoni, danesi, Tav. XXVII (B); greco-egizie, asiatiche greche, Tav. XXVII (C); dei bassi tempi Tav. XXVII (G). — Artiglierie primitive Tav. XXVII (D), (E). — Assedio Tav. XXVII (A). — Cannoni Tav. XXVII (J). — Carabina, colubrina, cortana Tav. XXVII (R). — Casse, carrette ecc. Tav. XXVII (K), (L), (M). — Castrametazione Tav. XXVII (N), (O). — Catapulte e cerbottana Tav. XXVII (F). — Cavalieri e demolizione Tav. XXVII (S). Demolizione Tav. XXVII (T). — Diffilamento Tav. XXVII (U), (V), (Y), (Z) (A'). — Discesa e passaggio del fosso Tav. XXVII (B'). — Evoluzione Tav. CII, CIII.

Arti e Mestieri (*v.* Tecnologia).

Astronomia. Comete Tav. XXVIII (A). — Comete e pianeti Tav. XXVIII (B). — Costellazioni Tav. XXVII (D), (E). — Eclissi, fasi, sistemi Tav. XXVIII (G). — Giove, Saturno, e loro satelliti Tav. XXVIII (C). — Luna Tav. XXVIII (F). — Sfera armillare, rotazione della Terra Tav. XXVIII (I). — Sistema solare Tav. XXVIII (H). — Strumenti Tav. XXVIII, XXVIII (J), (K), (L).

Belle Arti (*v.* Architettura e Disegno).

Botanica. Anatomia vegetale Tav. XV (A), (B), (C), (D), (E), (F). — Fisiologia vegetale Tav. XXXVI, XXXVII, XXXVIII, XXXIX, XL. — Funghi mangerecci Tav. LXXXII. — Funghi velenosi Tav. LXXXII (A).

Chimica, Docimastica e Metallurgia. Strumenti e macchine Tav. XLVII, XLVII (A), (A'), (B), (B'), (C), (C'), (D), (D'), (E), (E'), (F), (G), (H), (I), (J), (K), (L), (M), (N), (O), (P), (Q), (R), (S), (T), (U), (V), (X), (Y), (W), (Z).

Chirurgia. Litotomia Tav. L. — Strumenti ed operazioni diverse Tav. XLIX, XLIX, (A), (B), (C), (D), (E), (F), (G), (H), (I), (L), (M).

Disegno ed Incisione. Estremità delle figure Tav. XLII (D), (E). — Incisione antica in legno rappresentante in fac-simile, il frontespizio della *Biblia Pauperum* Tav. XLII (M). — Principii di figura Tav. XLII, XLII (A), XLII (B). — Statue antiche Tav. XLII (E), (G), (I), (L). — Statue e

pittura Tav. XLII (K).—Teste a contorno, da statue antiche Tav. XLII (C). — Teste antiche aiutate di mezz'ombra Tav. XLII (H).

Docimastica (*v.* Chimica).

Economia rurale. Arnie Tav. XXVI.—Butirro (fabbricazione del) Tav. LIV.—Filugello Tav. LIV (A), (B), (C). — Formaggio, latte Tav. LIV (E). — Trebbiatoio Tav. XXXV (X).—Trebbiatoio scozzese alla Miekle Tav. LV.—Vaglio Tav. XXXV (W).

Filologia. Alfabeti antichi cioè Punico, Pelasgo, Osco, Arcadico, Gallico, Fenicio, Ebraico antico, o Samaritano, Etrusco, Greco Tav. IX.—Alfabeti antichi, comparati a caratteri geroglifici Tav. XVII (B), (C).—Stenografia Tav. CXXII, CXXIV.

Fisica. Aeronautica Tav. III. — Aurore boreali Tav. XXIX (A) (B).—Bussole Tav. LVI, LVII, LVIII, LIX, LX, LXI.—Elettrici apparecchi Tav. LXIV, LXIV (A), (B), (C), (D), (E). — Pneumatici apparecchi e strumenti Tav. LXII, LXIII, LXV. — Palombaro Tav. CXVII, XCVIII.

Geografia. Carte geografiche, cioè *Africa* Tav. LXVIII (B), *America meridionale* Tav. LXVIII (C); *America settentrionale* Tav. LXVIII (D); *Asia* Tav. LXVIII (E); *Europa* Tav. LXVIII (F); *Italia* Tav. LXVIII (G); *Oceania* Tav. LXVIII (H); *Planisferio* Tav. LXVIII e LXVIII. (I). — Cascate Tav. LXVIII (A). — Montagne Tav. LXVIII (K).

Geologia. Basalti; Alzata dei Giganti in Irlanda, e la Grotta di Fingal nella Scozia Tav. LXIX.

Geometria pratica. Strumenti Tav. LXXII, LXXII (A).

Ginnastica. Esercizii diversi Tav. LXXXIII, LXXXIII (A).

Idraulica. Machine idrauliche diverse Tav. CVI. — Mulini Tav. CX (D), (E).—Ruote dentate, ruote idrauliche Tav. CX (G), (H). — Trombe Tav. LXXXIII, LXXXIV, LXXXV.

Incisione (*v.* Disegno).

Meccanica. Carrette, carrucole Tav. CV. — Clessidra Tav. LI. —Compassi Tav. CVII.—Eolipila e gru Tav. CVIII.—Gualchiera e strumenti per ispegnere gli incendii Tav. CIX, CX.—Orinoli Tav. CXI, CXI (C).—Orinoli e noria Tav. CXI (A).—Scappamenti Tav. CX (I), (J).—Soneria CX (R). — Numeratore ed orinoli Tav. CXI (B).—Telegrafia Tav. CX (N), (O), (P), (Q).—Tipografia Tav. XXXV, CX, (S), (T), (T'). — Trivelle Tav. XXXV (Y). — Valvole e ventilabro Tav. CX (F). — Vapore (machine a) Tav. CXII, CXII (A), CXIII, CXIV, CXV, CXVI, CXVI (A). — Zecca Tav. CX (K), (L), (M), (*v. Idraulica* e *Tecnologia*).

Metallurgia (*v.* Chimica e Mineralogia).

Metrologia. Pesi e misure Tav. CXVII, CXVIII, CXIX.

Mineralogia e metallurgia. Struttura dei cristalli Tav. CXX. — Formazione dei cristalli e goniometri Tav. CXX (A).—Strumenti ed apparecchi usati nelle miniere Tav. CXX (B).—Disposizione di un pozzo di miniera Tav. CXX (C).—Ventilazione delle miniere di carbon fossile Tav. CXX (D).—Sezione di una miniera di carbon fossile e lampade di sicurezza Tav. CXX (E).—Miniere metallifere Tav. CXX (F), (G), (H), (I), (J).—Lavatura e pestatura dei minerali metalliferi Tav. CXX (K). — Torrefazione dei minerali, taglio delle pietre focaie Tav. CXX (L).—Macchine soffianti Tav. CXX (M).—Estrazione del sal comune Tav. CXX (N), (O).

Nautica. Cucina dei bastimenti Tav. XCIX.—Differenziometro e straglio Tav. CI.—Navi di diverse foggie Tav. XCI, XCII. XCIII, XCIV, XCVI (A), (B), (C) (*v. Arte militare*).

Ottica. Micrometri Tav. CXXI, CXXI (A), (B).—Microscopii Tav. CXXII, CXXII (A), (B), (C). — Prospettiva CXXI (*v.* anche gli strumenti delle tavole di *Astronomia*).

Pittura (*v.* Disegno).

Scoltura (*v.* Disegno).

Tecnologia. Candele di cera e ceralacca Tav. XXX.— — Cilindratoio Tav. XXX (A).—Cimatura Tav. XXX (B).—Filatura Tav. XXXI, XXXII. — Frullone, fucina, trafila Tav. XXXIII.—Getto Tav. XXXIV.—Maglia Tav. XXXIV (B), (C).—Orditoio, scardassiere Tav. XXXV (O).—Pirotecnia, stagnaio Tav. XXXV (P').—Raffilatoio, scatolaio, segnatoio Tav. XXXV (U).—Seccatoio, tiratura della lamiera Tav. XXXV (ZO). — Segbe Tav. XXXV (P).—Seghe, torcitoio Tav. XXXV (Q).—Smaltista, rum Tav. XXXV (V). — Specchi Tav. XXXV (ZR), (ZC), (ZC').—Sloviglie Tav. XXXV (E), (F), (G), (H), (I), (J), (K), (L), (M), (N). Stufe Tav. XXXV (Q'). — Taglia, tagliatoio, tanno, timpano Tav. XXXV (Z).—Tele incerate, tessuti elastici ecc. Tav. XXXV (ZE). — Tornitore, trattura della seta Tav. XXXV (R). — Trattura della seta Tav. XXXV (S). — Telaio da calze Tav. XXXV (T); alla Jacquart Tav. XXXV (ZF) (ZG). — Tintura Tav. XXXV (A), (B), (C), (D). — Torchio, strettoio Tav. XXXV (ZA).

Tipografia (*v.* Meccanica).

INDICE

DELLE TAVOLE DELLA ENCICLOPEDIA POPOLARE

DISTRIBUITE PER ORDINE NUMERICO.

NB. Il legatore nel coordinare le tavole debbe attenersi materialmente all'ordine con cui furono qui coordinate nulla badando ai salti che rinverrà nella loro numerizzazione.

Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole
1	Tav. I	62	Tav. » (B)	123	Tav. XXXI	184	Tav. » (L)
2	» II	63	» » (C)	124	» XXXII	185	» » (M)
3	» III	64	» » (D)	125	» XXXIII	186	» XLIII
4	» IV	65	» » (E)	126	» XXXIV	187	» XLIV
5	» V	66	» » (M)	127	» » (B)	188	» XLV
6	» VIII	67	» » (N)	128	» » (C)	189	» XLVI
7	» IX	68	» » (O)	129	» XXXV	190	» XLVII
8	» X	69	» » (P)	130	» » (A)	191	» » (A)
9	» XI	70	» » (Q)	131	» » (B)	192	» » (B)
10	» XII (A)	71	» » (R)	132	» » (C)	193	» » (C)
11	» » (B)	72	» » (S)	133	» » (D)	194	» » (D)
12	» » (C)	73	» » (T)	134	» » (E)	195	» » (E)
13	» XIII (A)	74	» » (V)	135	» » (F)	196	» » (F)
14	» » (B)	75	» » (V') (2)	136	» » (G)	197	» » (G)
15	» XIV (A)	76	» » (W)	137	» » (H)	198	» » (H)
16	» » (B)	77	» » (AA)	138	» » (I)	199	» » (I)
17	» XV (A)	78	» » (BB)	139	» » (J)	200	» » (J)
18	» » (B)	79	» » (CC)	140	» » (K)	201	» » (K)
19	» » (C)	80	» » (DD)	141	» » (L)	202	» » (L)
20	» » (D)	81	» XXVI	142	» » (M)	203	» » (M)
21	» » (E)	82	» XXVII (A)	143	» » (N)	204	» » (N)
22	» » (F)	83	» » (B)	144	» » (O)	205	» » (O)
23	» XVI (A)	84	» » (C)	145	» » (P)	206	» » (P)
24	» » (B)	85	» » (D)	146	» » (P')	207	» » (Q)
25	» » (C)	86	» » (E)	147	» » (Q)	208	» » (R)
26	» » (D)	87	» » (F)	148	» » (Q')	209	» » (S)
27	» » (E)	88	» » (G)	149	» » (R)	210	» » (T)
28	» » (F)	89	» » (J)	150	» » (S)	211	» » (U)
29	» » (G)	90	» » (K)	151	» » (T)	212	» » (V)
30	» » (H)	91	» » (L)	152	» » (U)	213	» » (X)
31	» XVII	92	» » (M)	153	» » (V)	214	» » (Y)
32	» » (A)	93	» » (N)	154	» » (X)	215	» » (W)
33	» » (B)	94	» » (O)	155	» » (Y)	216	» » (Z)
34	» » (C)	95	» » (P)	156	» » (W)	217	» » (A')
35	» » (D)	96	» » (R)	157	» » (Z)	218	» » (B')
36	» » (F)	97	» » (S)	158	» » (ZA)	219	» » (C')
37	» » (G)	98	» » (T)	159	» » (ZB)	220	» » (D')
38	» » (H)	99	» » (U)	160	» » (ZC)	221	» » (E')
39	» » (I)	100	» » (V)	161	» » (ZC') (3)	222	» XLIX
40	» XVIII (A)	101	» » (Y)	162	» » (ZD)	223	» » (A)
41	» » (B)	102	» » (Z)	163	» » (ZE)	224	» » (B)
42	» » (C)	103	» » (A')	164	» » (ZF)	225	» » (C)
43	» » (D)	104	» » (B')	165	» » (ZG)	226	» » (D)
44	» XIX	105	» XXVIII	166	» XXXVI	227	» » (E)
45	» XX	106	» » (A)	167	» XXXVII	228	» » (F)
46	» XXI	107	» » (B)	168	» XXXVIII	229	» » (G)
47	» » (A)	108	» » (C)	169	» XXXIX	230	» » (H)
48	» XXII	109	» » (D)	170	» XL	231	» » (I)
49	» » (A)	110	» » (E)	171	» XLI	232	» » (L)
50	» » (B)	111	» » (F)	172	» XLII	233	» » (M)
51	» » (C)	112	» » (G)	173	» » (A)	234	» L
52	» XXIII	113	» » (H)	174	» » (B)	235	» LI
53	» » (A)	114	» » (I)	175	» » (C)	236	» LII
54	» » (B)	115	» » (J)	176	» » (D)	237	» LIII (A)
55	» » (C)	116	» » (K)	177	» » (E)	238	» » (B)
56	» » (D)	117	» » (L)	178	» » (F)	239	» » (C)
57	» » (D') (1)	118	» XXIX (A)	179	» » (G)	240	» LIV
58	» » (E)	119	» » (B)	180	» » (H)	241	» » (A)
59	» XXIV	120	» XXX	181	» » (I)	242	» » (B)
60	» XXV	121	» » (A)	182	» » (J)	243	» » (C)
61	» » (A)	122	» » (B)	183	» » (K)	244	» » (E)

Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole	Numero d' Ordine	Numero delle Tavole
245	Tav. LV	275	Tav. LXXII (A)	305	Tav. CIX	335	Tav. CXVI (A)
246	» LVI	276	» LXXIII	306	» CX	336	» CXVII
247	» LVII	277	» » (A)	307	» » (D)	337	» CXVIII
248	» LVIII	278	» LXXXII	308	» » (E)	338	» CXIX
249	» LIX	279	» » (A)	309	» » (F)	339	» CXX (9)
250	» LX	280	» LXXXIII	310	» » (G)	340	» » (A) (10)
251	» LXI	281	» LXXXIV	311	» » (H)	341	» » (B)
252	» LXII	282	» LXXXV	312	» » (I)	342	» » (C)
253	» LXIII	283	» LXXXVI	313	» » (J)	343	» » (D)
254	» LXIV (1)	284	» LXXXVII	314	» » (K)	344	» » (E)
255	» » (A)	285	» LXXXVIII	315	» » (L)	345	» » (F)
256	» » (B)	286	» LXXXIX	316	» » (M)	346	» » (G)
257	» » (C)	287	» XC	317	» » (N)	347	» » (H)
258	» » (D)	288	» XCI	318	» » (O)	348	» » (I)
259	» » (E)	289	» XCII	319	» » (P)	349	» » (J)
260	» LXV	290	» XCIII	320	» » (Q)	350	» » (K)
261	» LXVI	291	» XCIV	321	» » (R)	351	» » (L)
262	» LXVIII	292	» XCVI (A)	322	» » (S)	352	» » (M)
263	» » (A)	293	» » (B)	323	» » (T)	353	» » (N)
264	» » (B)	294	» » (C)	324	» » (T') (5)	354	» » (O)
265	» » (C)	295	» XCVII	325	» CXI (6)	355	» CXXI
266	» » (D)	296	» XCVIII	326	» » (A)	356	» » (A)
267	» » (E)	297	» XCIX	327	» » (B)	357	» » (B)
268	» » (F)	298	» CI	328	» » (C)	358	» CXXII
269	» » (G)	299	» CII	329	» CXII (7)	359	» » (A)
270	» » (H)	300	» CIII	330	» » (A) (8)	360	» » (B)
271	» » (I)	301	» CV	331	» CXIII	361	» » (C)
272	» » (K)	302	» CVI	332	» CXIV	362	» » (D)
273	» LXIX	303	» CVII	333	» CXV	363	» CXXIII
274	» LXXII	304	» CVIII	334	» CXVI	364	» CXXIV

(1) In alcuni esemplari questa tavola porta il (D) senza l'asterisco, e compara quindi la sua segnatura doppia colle precedente rappresentante S. Pietro in Roma.

(2) In questa tavola manca al (V) l'asterisco; per non confonderla colla precedente, si avverte che rappresenta due fontane di Roma.

(3) In questa tavola per errore manca l'asterisco al (C), per non confonderla colla precedente si noti che quella ha 4 figure, questa 9.

(4) Vi sono due tavole che portano il numero di LXIV, ma quella dei Pirometri è la LXVI.

(5) Questa tavola non porta per errore dell'incisore l'astarisco al (T): per distinguerla dalla precedente si avverte che questa non ha che 4 figure.

(6) Questa tavola che porta figure di orinoli non va confusa con un'altra che per errore porta lo stesso numero, e rappresenta machine a vapore.

(7) Questa tavola che rappresenta machine a vapore, porta per errore il n°. CXI. (Vedi la nota precedente).

(8) Questa tavola va distinta da un'altra che porta per errore lo stesso numero e che rappresenta figure mineralogiche.

(9) Questa tavola mineralogica porta, per errore, il numero CXII.

(10) Anche questa tavola mineralogica porta per errore il numero di CXII (A).

ACQUEDOTTI.

Avanzi di Acquedotto presso Antiochia

Acquedotto di Pyrgon presso Constantinopoli

Pianta del Basamento

Avanzi di Acquedotto nell'isola di Mitilene

Acquedotto Romano

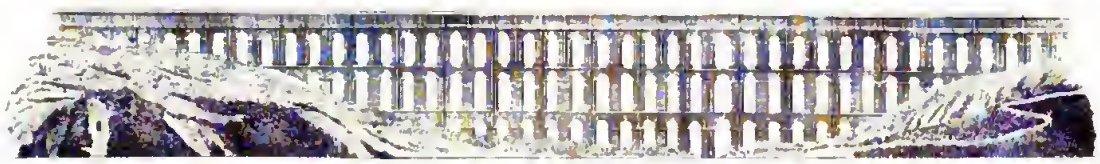
Acquedotti Romani

Acquedotto Romano

Digitized by Google

ACQUEDOTTI

ACQUEDOTTO di CASERTA nella valle di MADDALONI



ACQUEDOTTO del ponte del GARD presso NISMES

ACQUEDOTTO di MAINTENON

ACQUEDOTTO di SLATEFORD presso Edimburgo

ACQUEDOTTO di PONT-CYSYLTE

Spaccato trasversale
dell'Acquedotto di Caserta

Digitized by Google

AERONAUTICA.

AEROSTATO DI MONTGOLFIER.

AEROSTATO DI BLANCHARD

PARACADUTA DI GARNERIN
nell' ascendere

AEROSTATO DI LUNARDI.

AEROSTATO DI CHARLES E ROBERT.

PARACADUTA DI GARNERIN
nel discendere

METODO DI GONFIARE UN AEROSTATO.

AGRICOLTURA

ARATRI

TAV. II.

Fig 1.

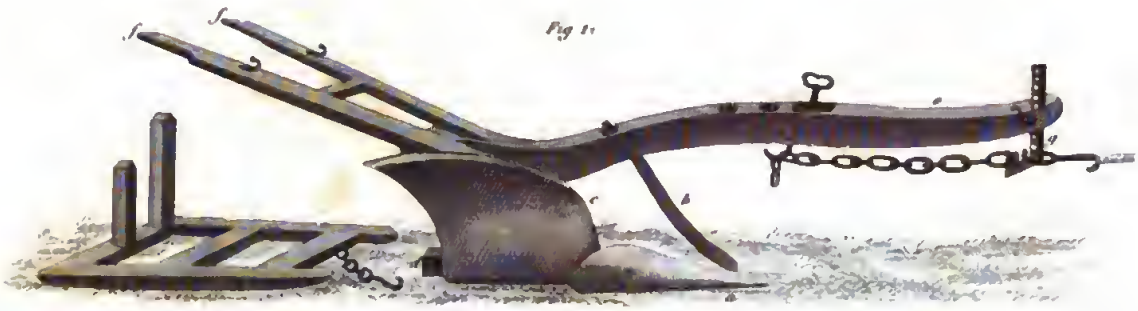


Fig 2.

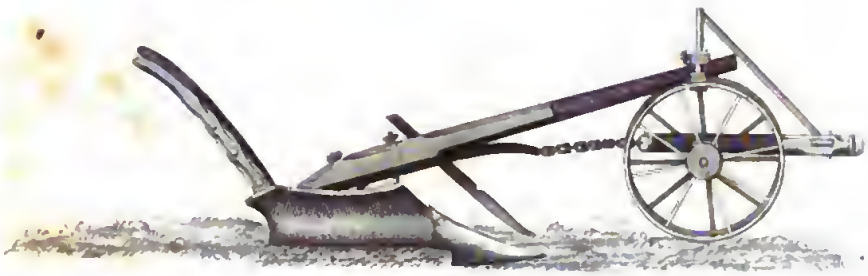


Fig 3

Fig 4.

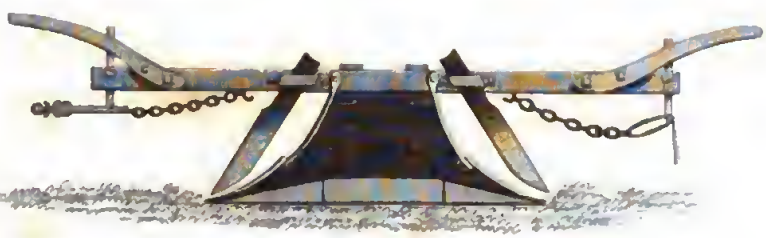
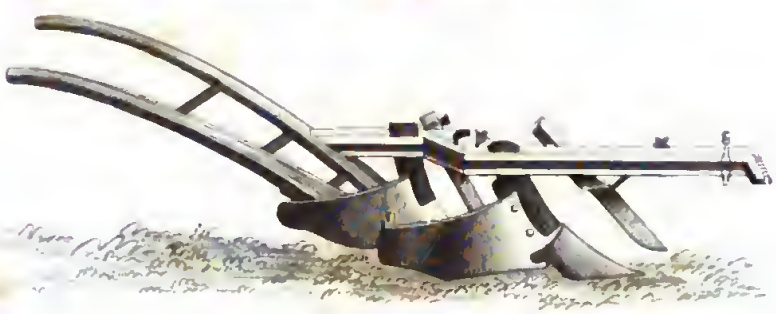


Fig 5.



ERPICE

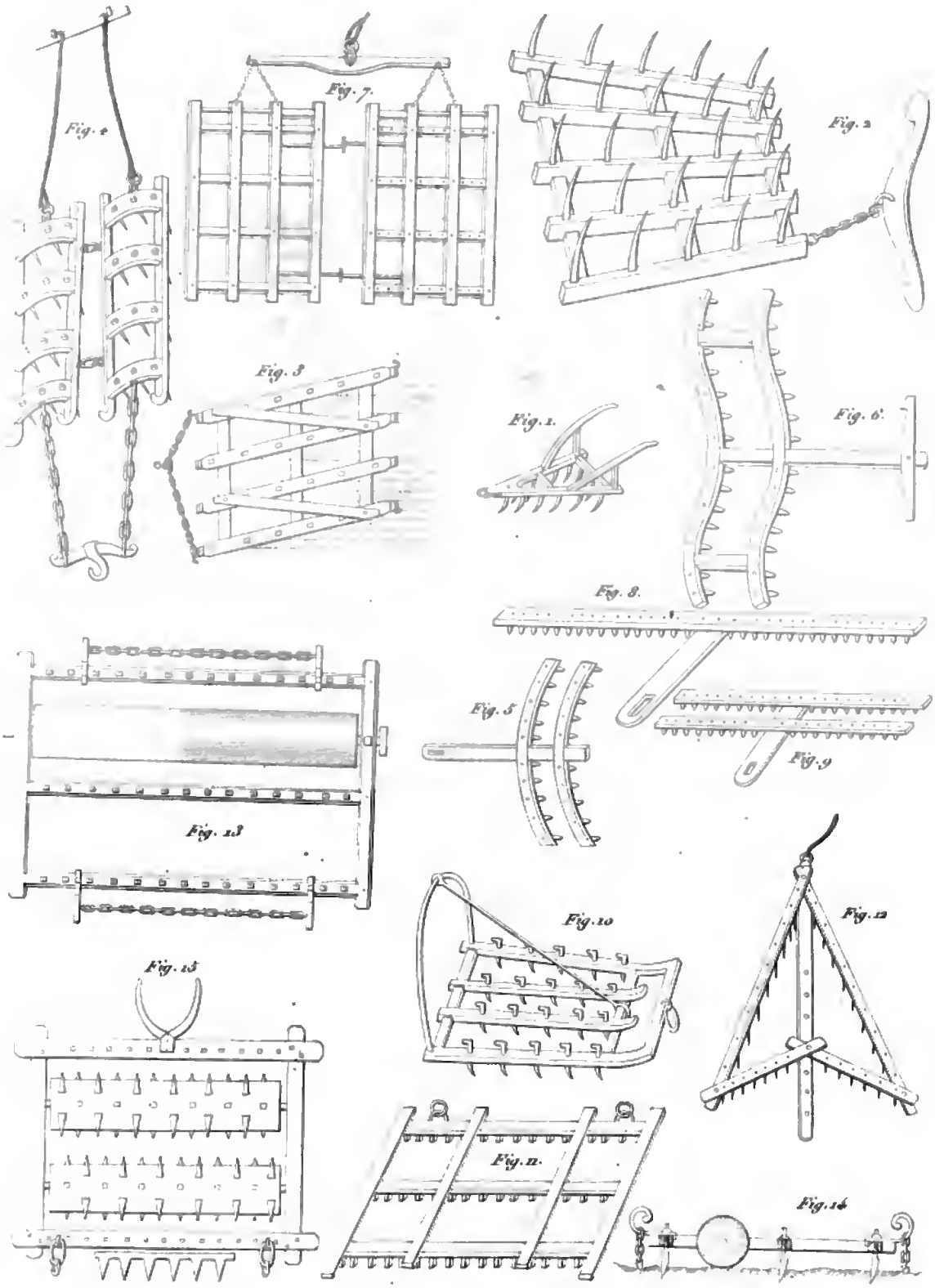
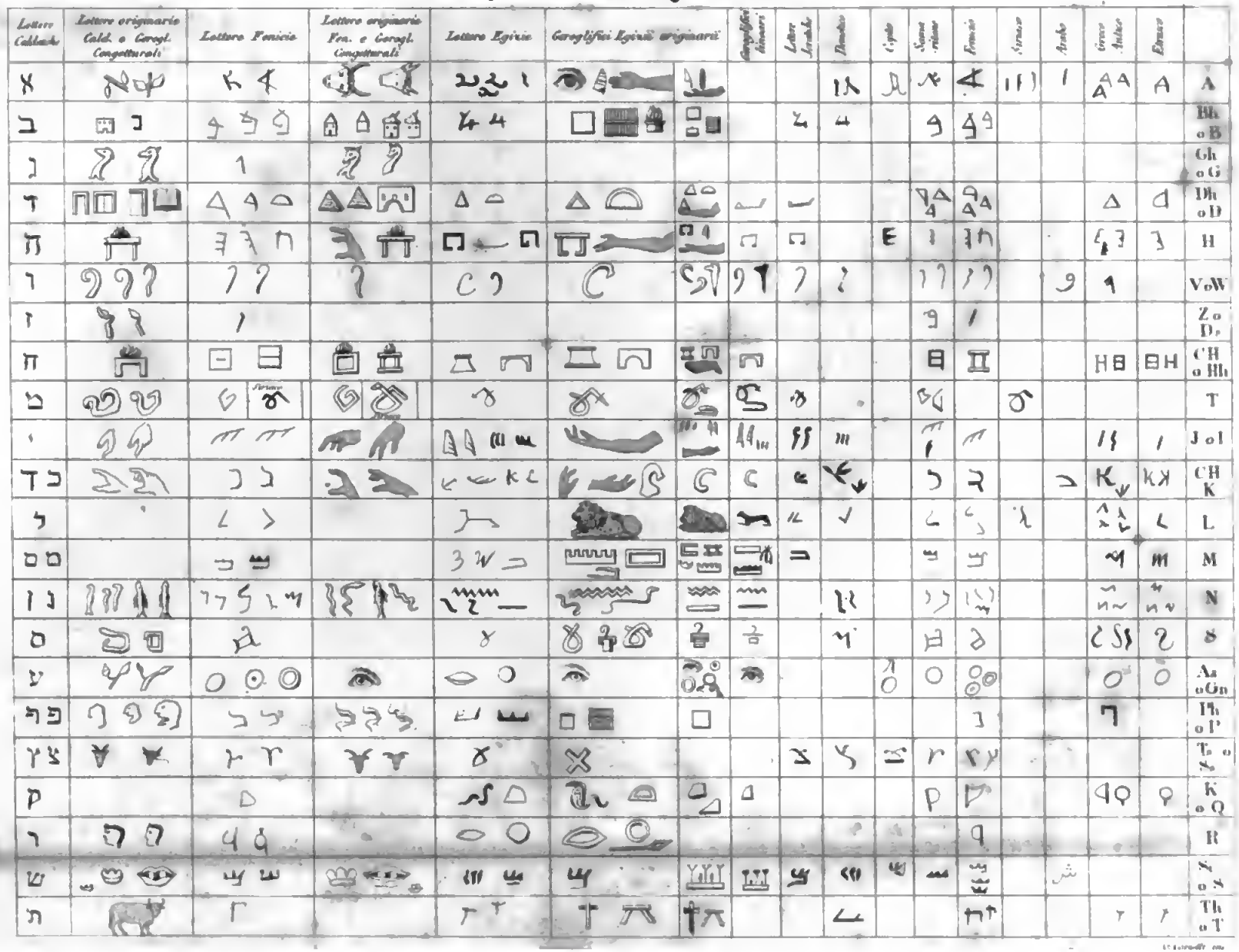


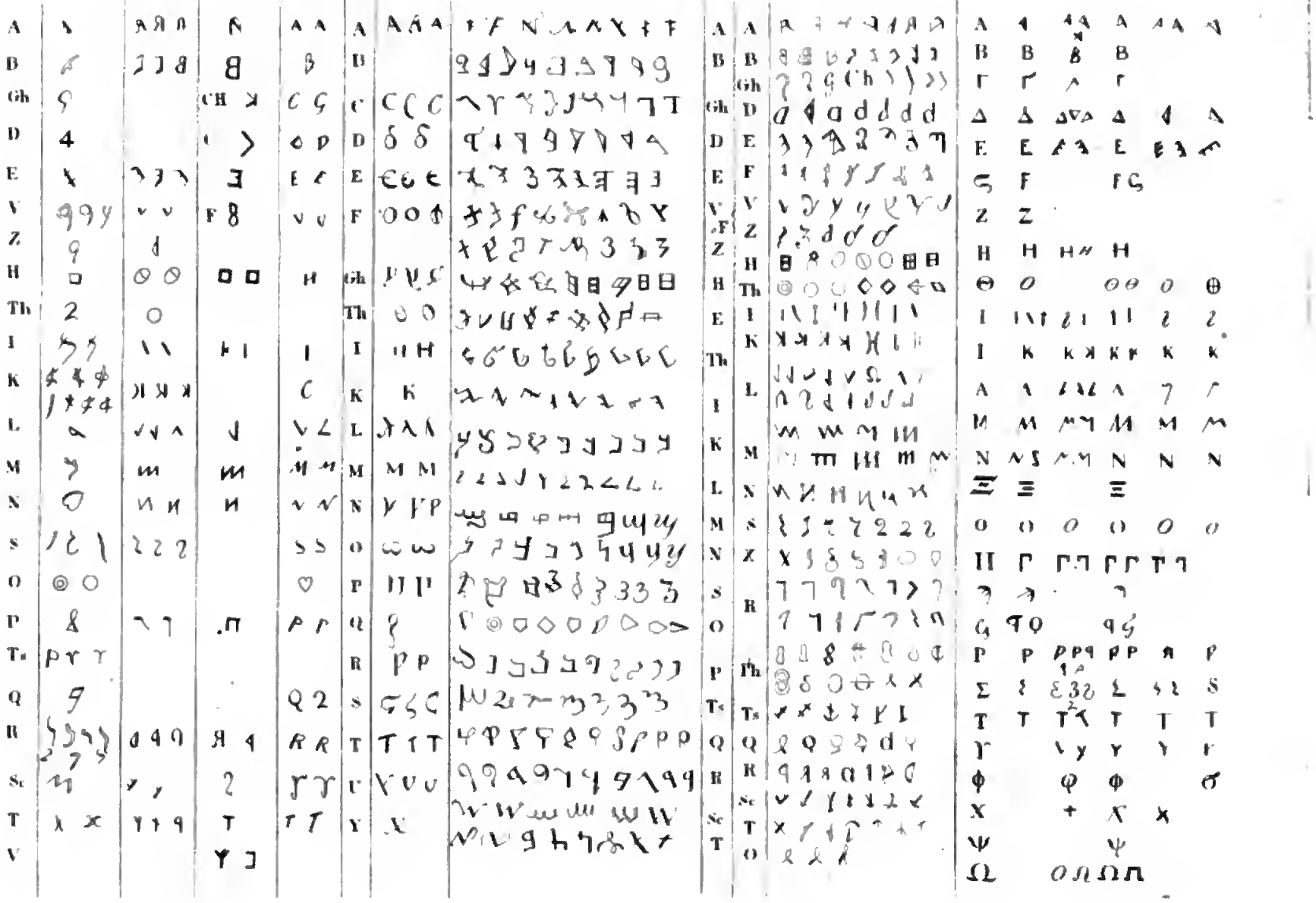
Fig. 4
Fig. 7.
Fig. 2
Fig. 3
Fig. 1.
Fig. 6.
Fig. 8.
Fig. 5
Fig. 9
Fig. 13
Fig. 10
Fig. 12
Fig. 15
Fig. 11.
Fig. 14

ALFABETI ANTICHI

Tavola comparativa dei Caratteri Geroglifici ed Alfabetici



ALFABETI ANTICHI

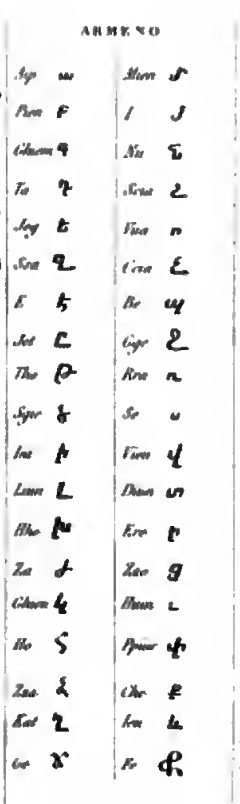


SIRIACO

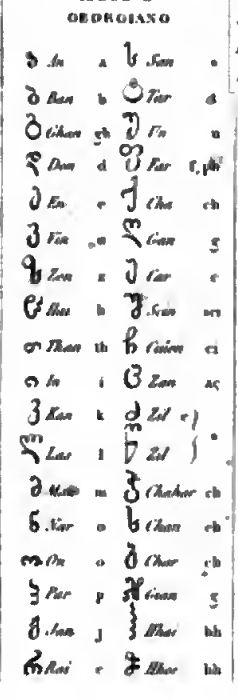
ILLIRICO O SERVIANO

ETIOPICO

ARMENO

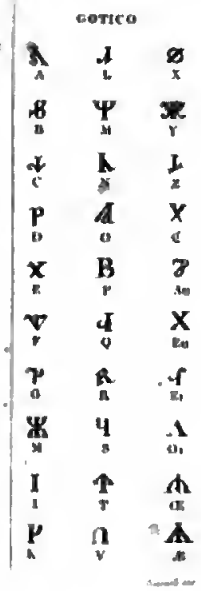


IBERO O GEORGIANO



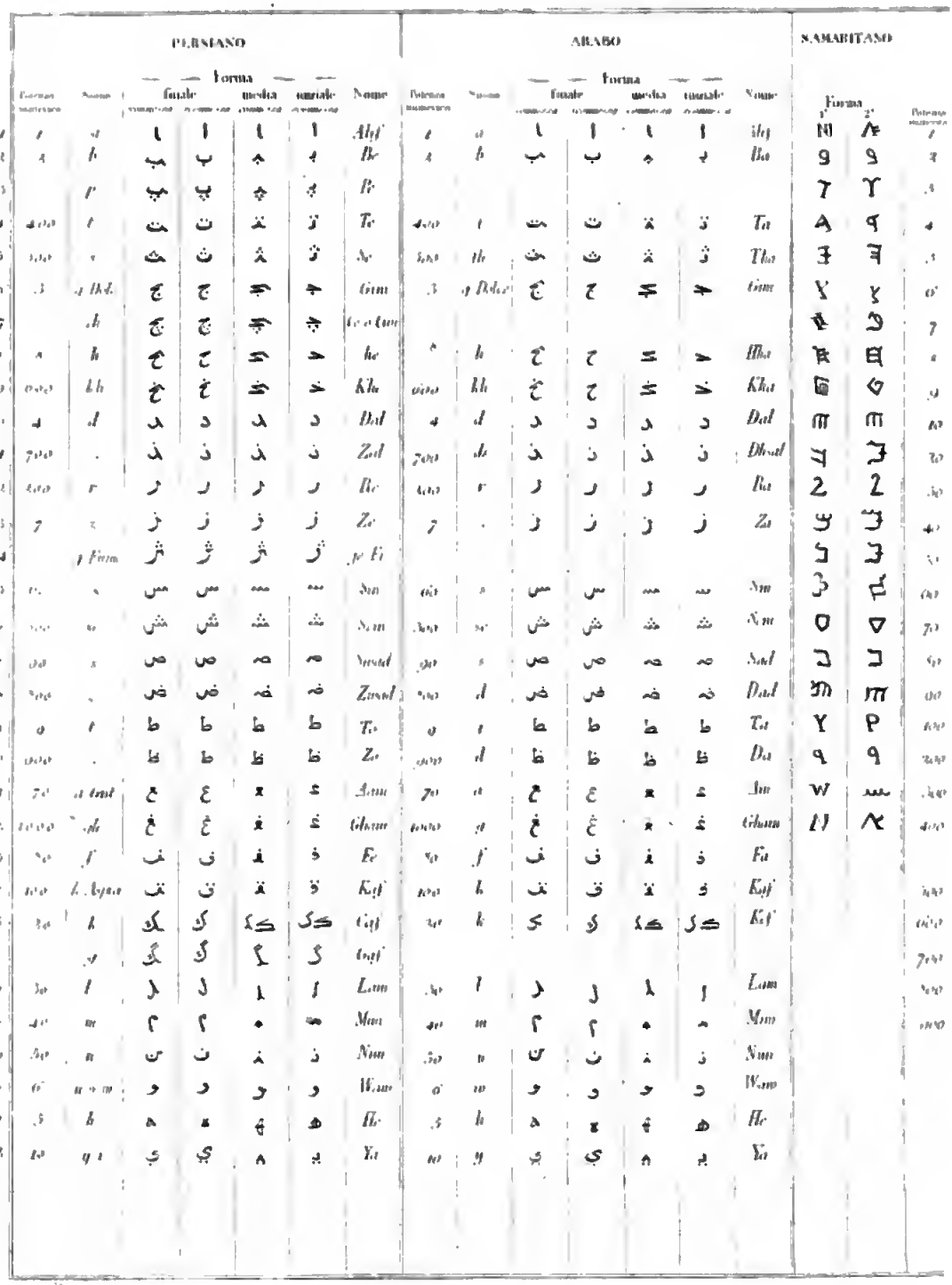
COPTO O EGIZIO

GOTICO



Digitized by Google

TAVOLA
DI ALFABETI ORIENTALI



Digitized by Google

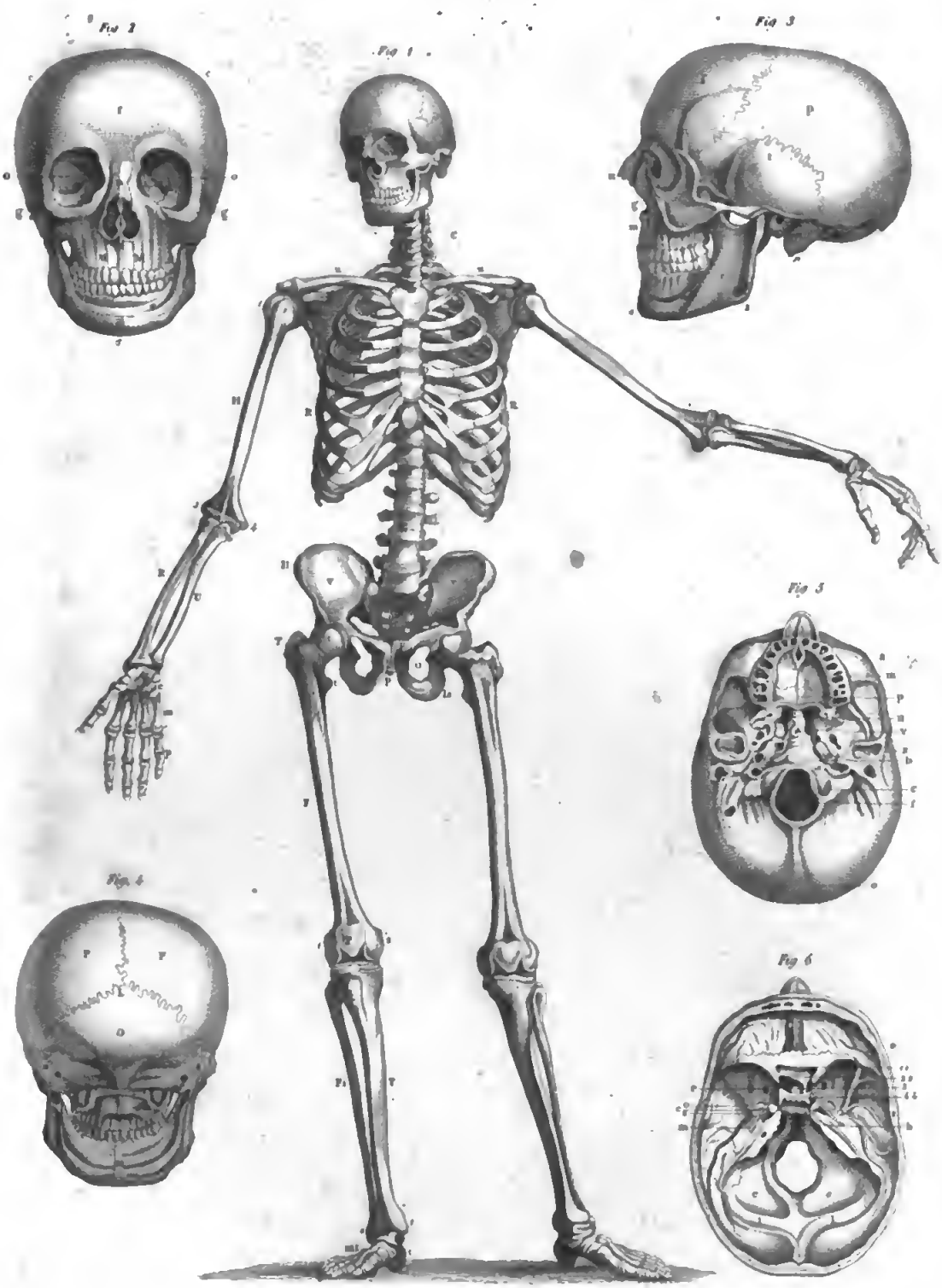
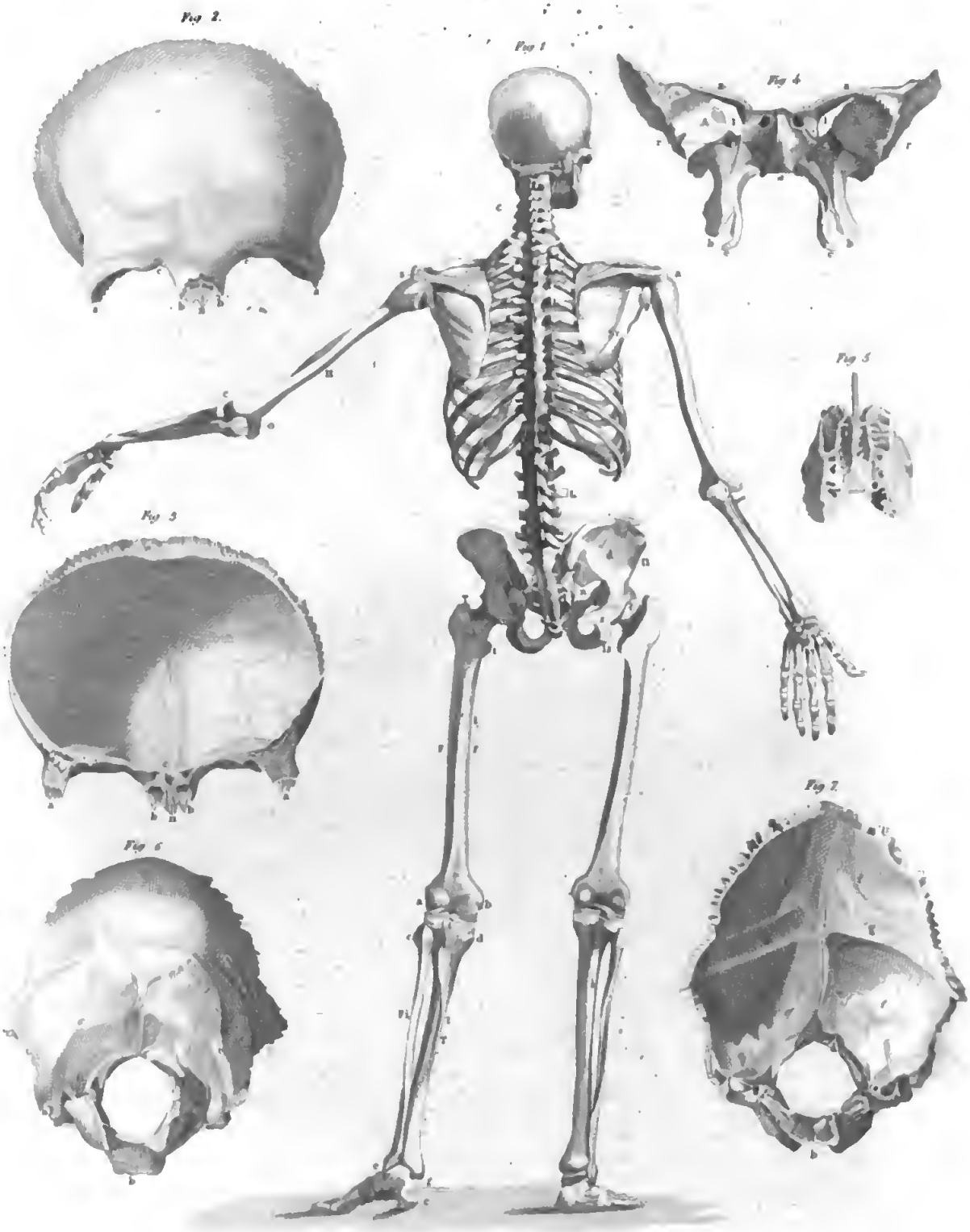
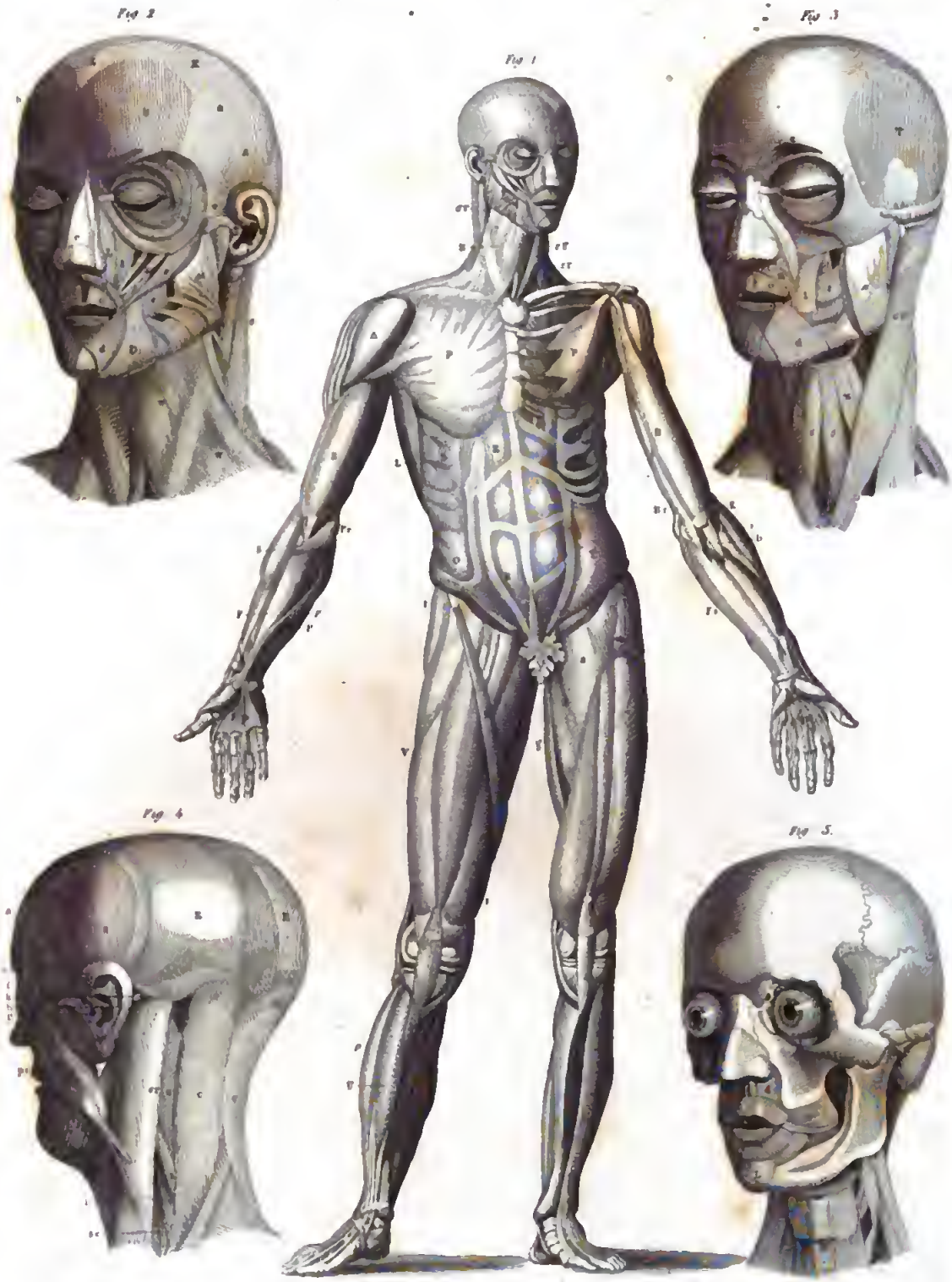


Fig 2
Fig 1
Fig 3
Fig 5
Fig 4
Fig 6



Digitized by Google

Fig. 1.
Fig. 2
Fig. 3.
Fig. 4
Fig. 5
Fig. 6
Fig. 7.
Fig. 8
Fig. 9.



Digitized by Google

Fig. 2.

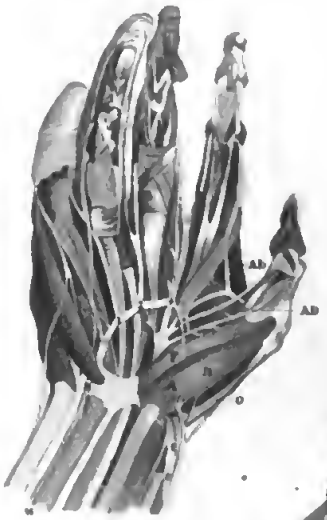


Fig. 1.

Fig. 3.

Fig. 4

Fig. 5

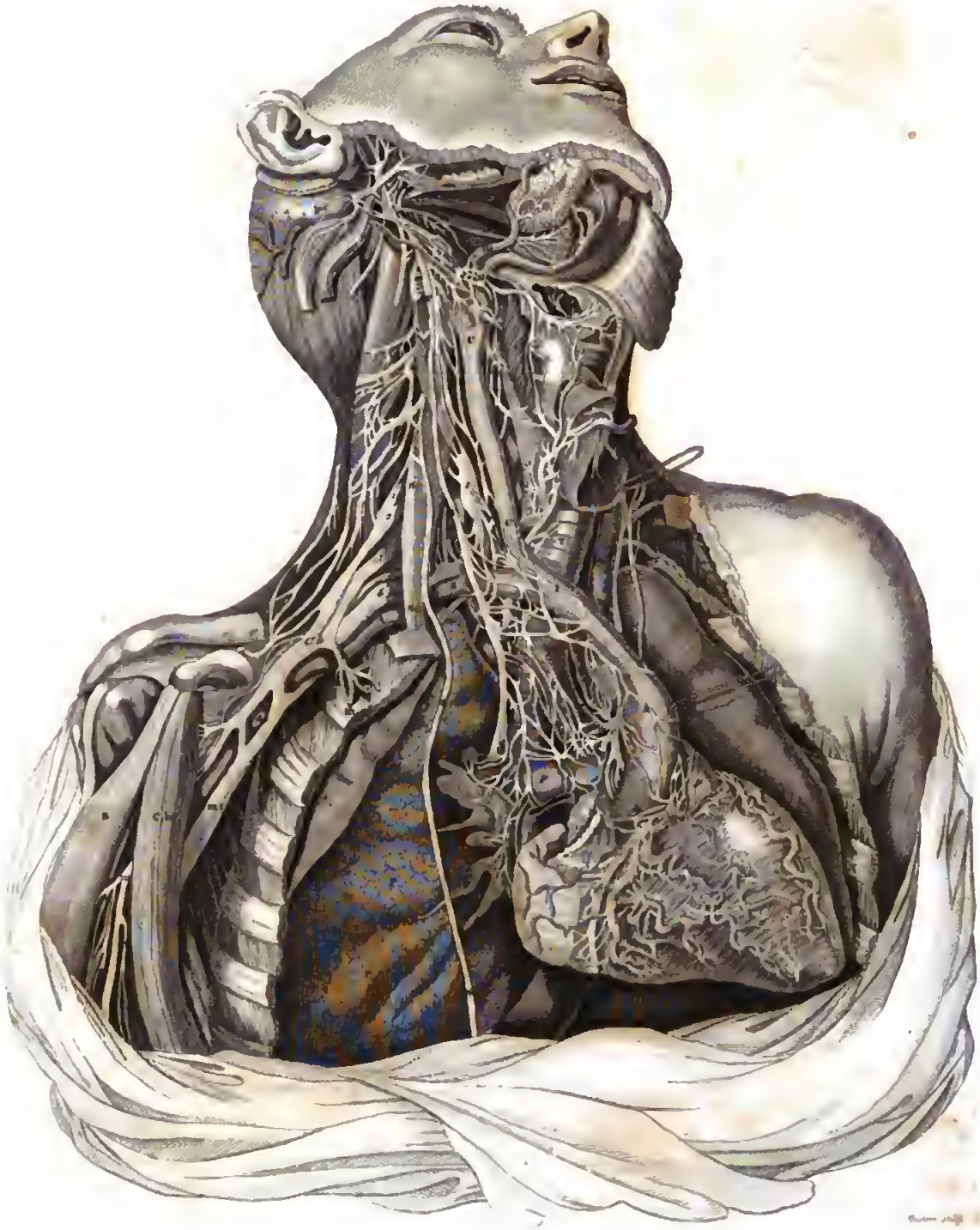


Fig. 1

Fig. 4

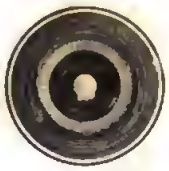


Fig. 2.

Fig. 5.

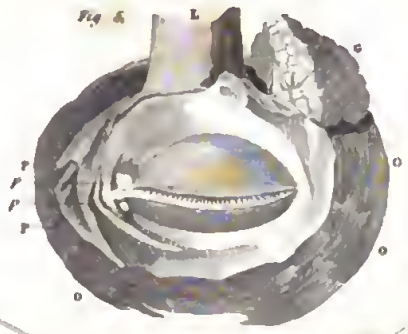


Fig. 3.

Fig. 6

Fig. 8.

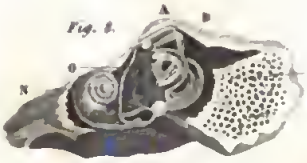


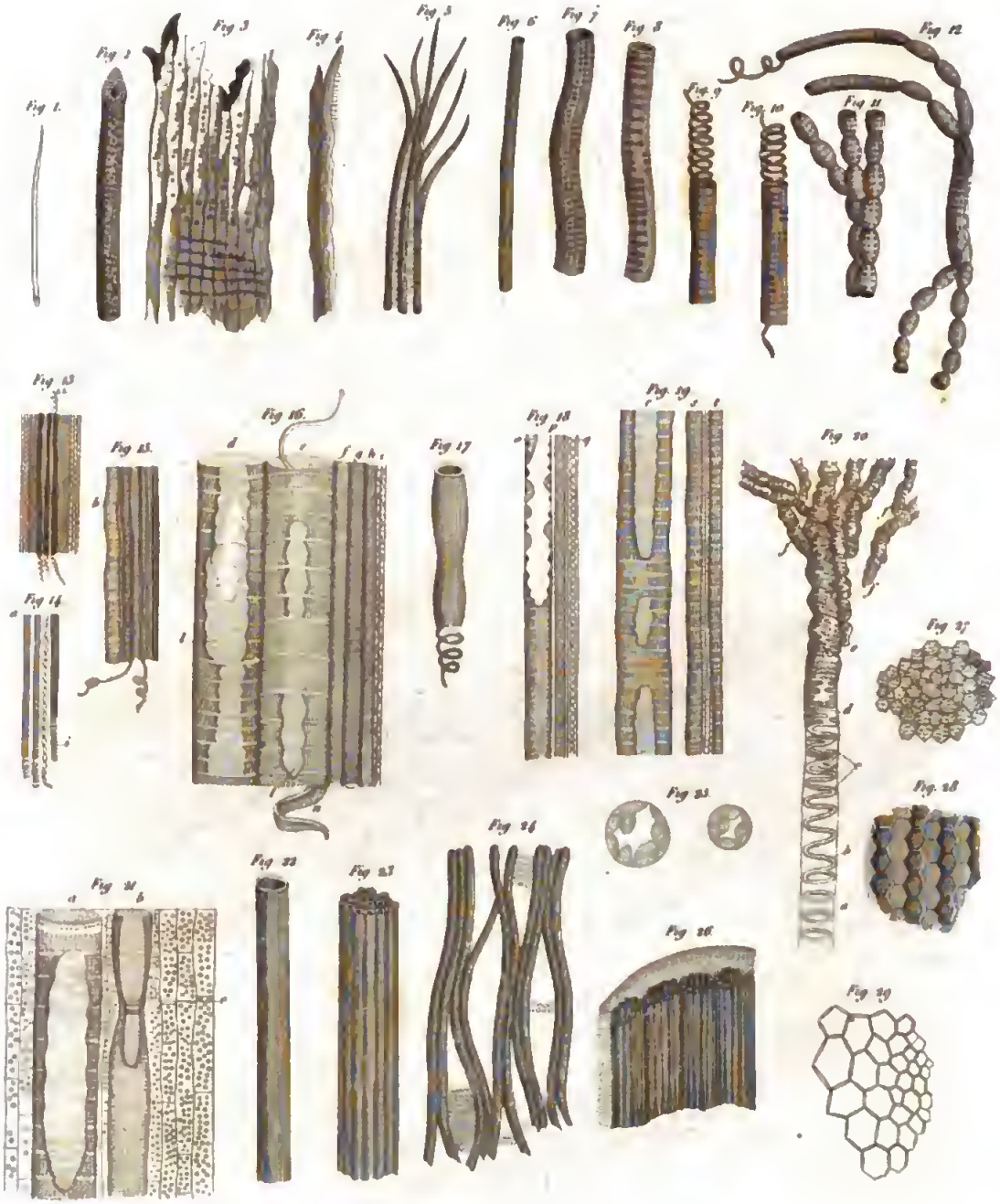
Fig. 9.

Fig. 7.

Fig. 10

Digitized by Google

ANATOMIA
VEGETALE



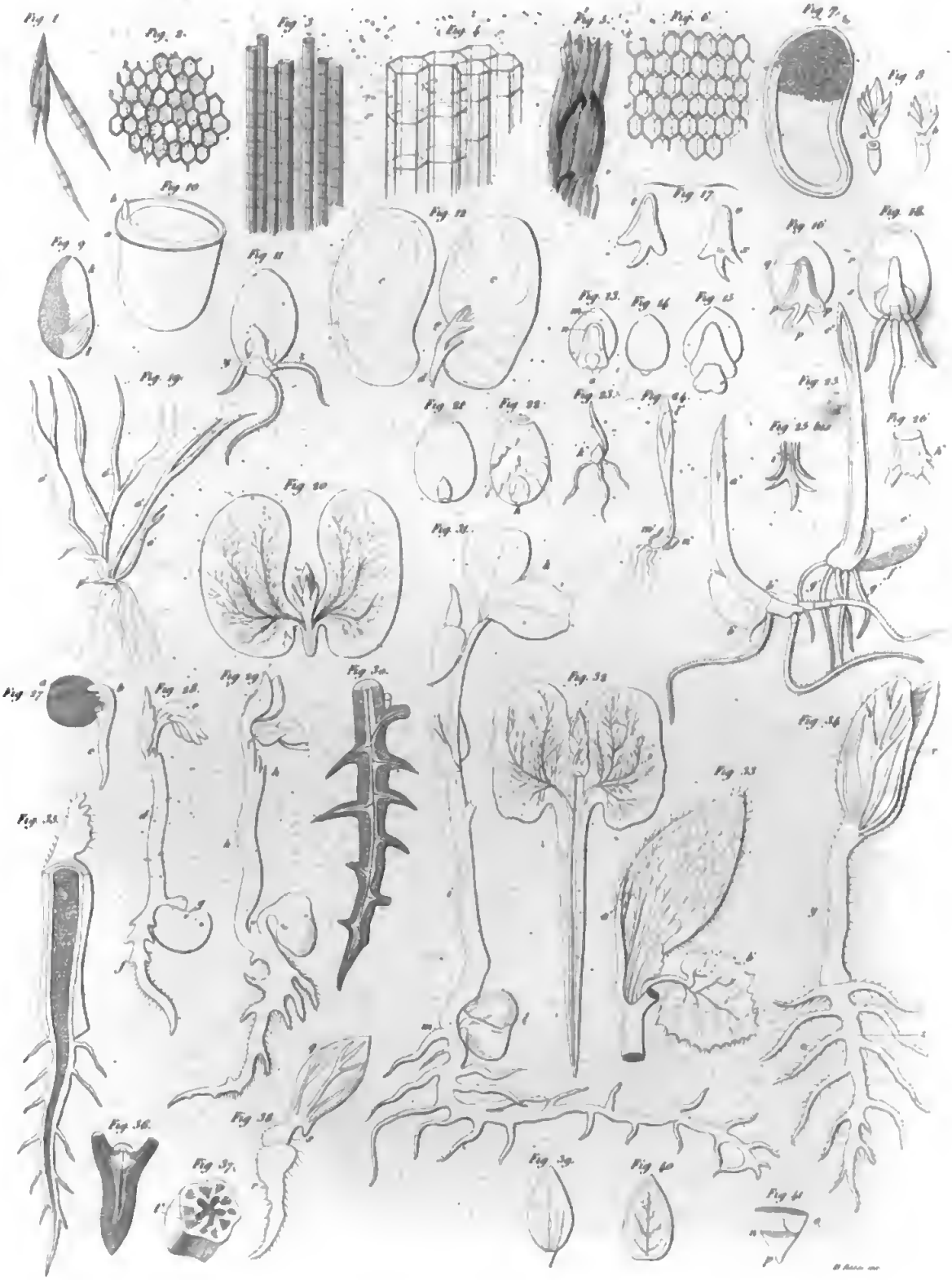


Fig. 1
Fig. 2.
Fig. 3
Fig. 4
Fig. 5.
Fig. 6
Fig. 7.
Fig. 8
Fig. 9
Fig. 10
Fig. 11
Fig. 12
Fig. 13.
Fig. 14
Fig. 15
Fig. 16
Fig. 17
Fig. 18.
Fig. 19
Fig. 20
Fig. 21
Fig. 22
Fig. 23.
Fig. 24.
Fig. 25 bis
Fig. 26
Fig. 27
Fig. 28.
Fig. 29
Fig. 30.
Fig. 31.
Fig. 32
Fig. 33
Fig. 34
Fig. 35
Fig. 36.
Fig. 37.
Fig. 38
Fig. 39.
Fig. 40
Fig. 41

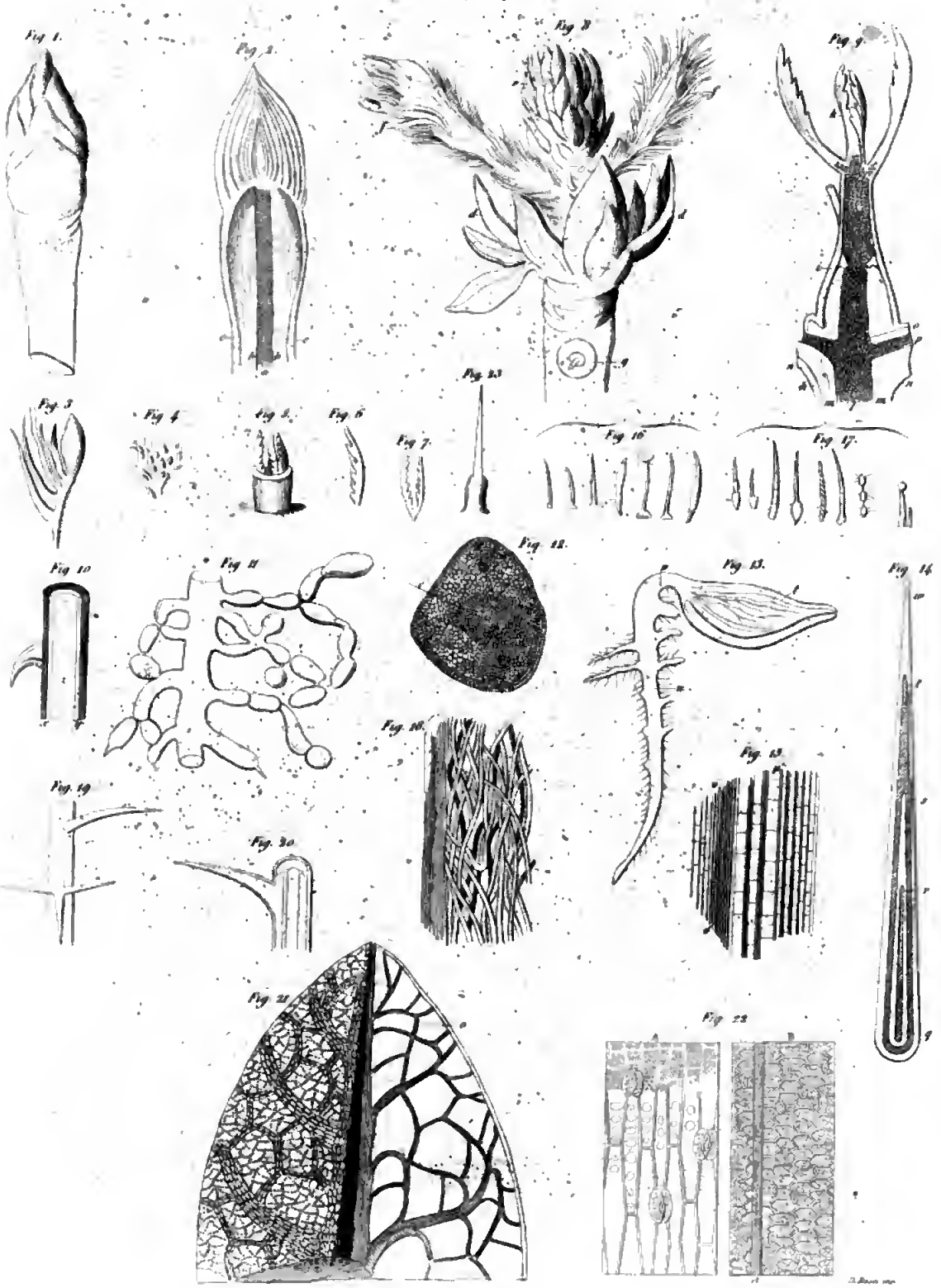


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.
Fig. 15.
Fig. 16.
Fig. 17.
Fig. 18.
Fig. 19.
Fig. 20.
Fig. 21.
Fig. 22.

ANATOMIA
FRUCTUS

Digitized by Google

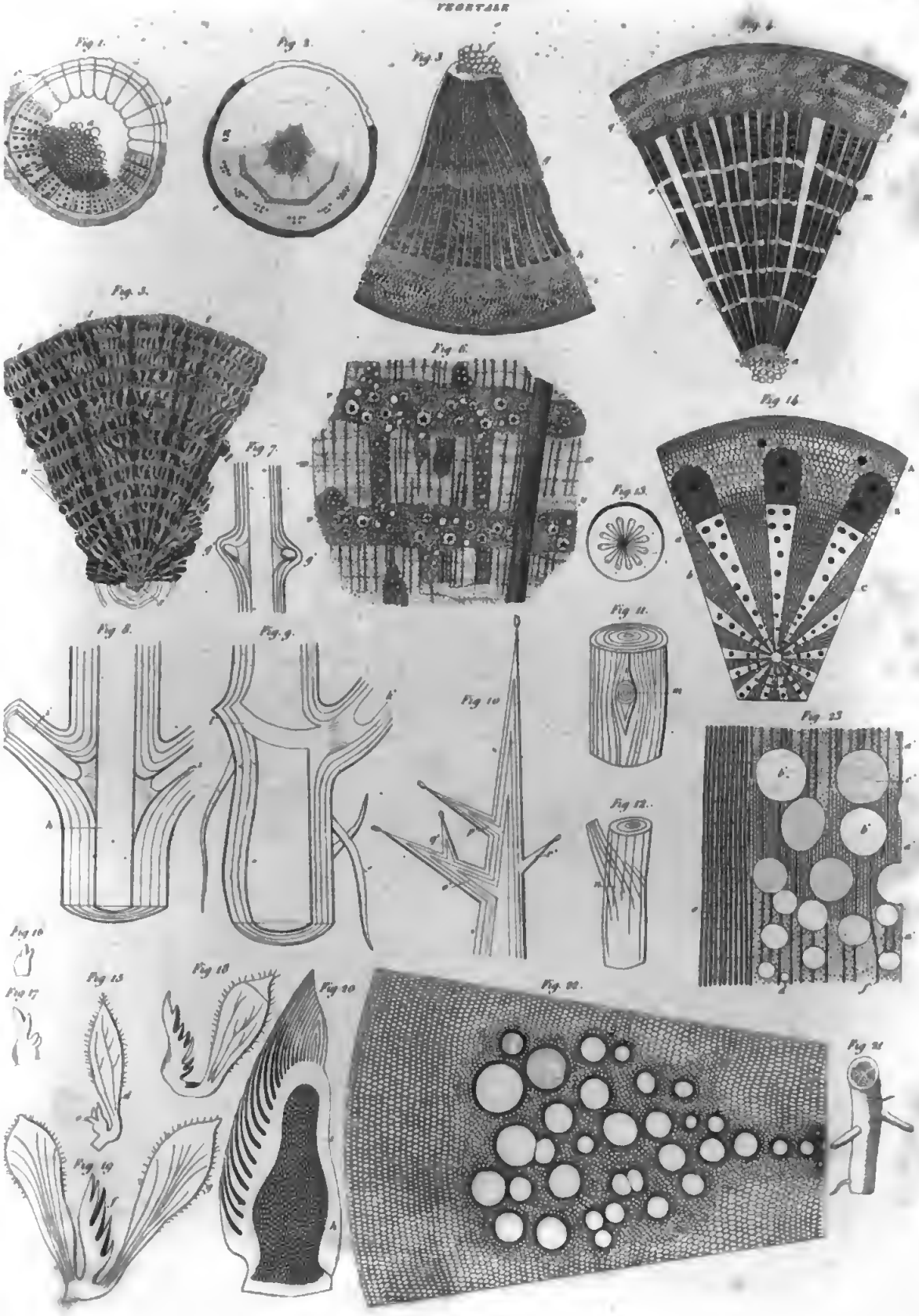


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.
Fig. 15.
Fig. 16.
Fig. 17.
Fig. 18.
Fig. 19.
Fig. 20.
Fig. 21.
Fig. 22.

ANATOMIA
VEGETALE

VASI

ULYSSES APUD CIRCEN POTUS.

BELLONA ETRUSCORUM.

DRACO, LEAENA, ALIAQUE MONSTRA ETRUSCORUM

MUSICA ET POESIS ETRUSCORUM.

SACRA CERERALIA ET LENAEA.

Digitized by Google

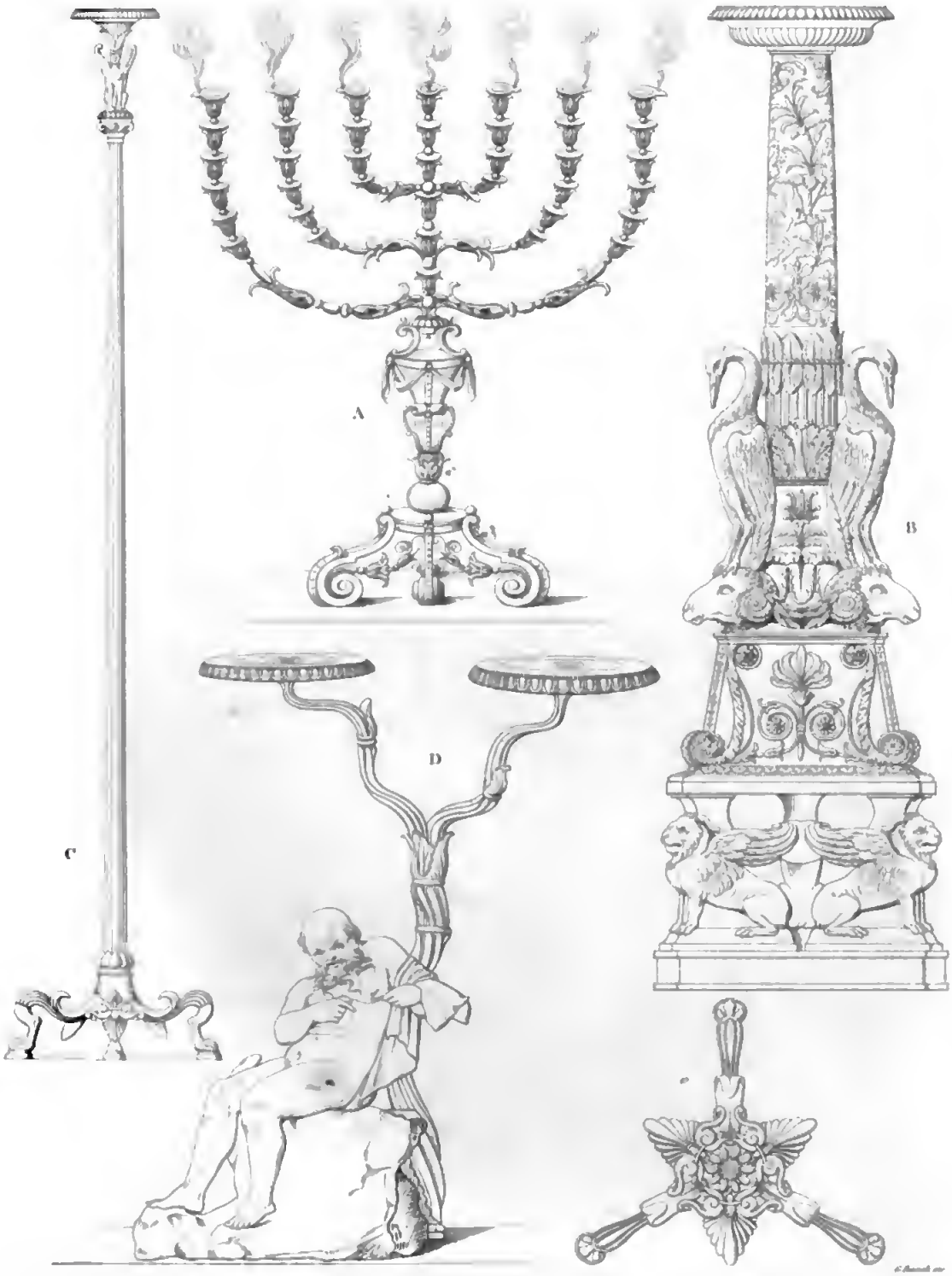
JOVIS FESTUM ET SACRUM.

VENERIS ET HYMENAEI SACRUM.

HYMENAEUS.

ACHILLIS FATA.

CANDELABRI

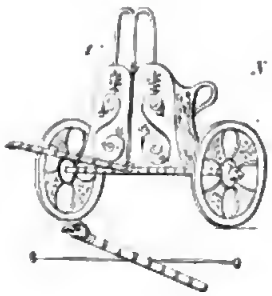


A *Candelabro degli Ebrei* B C D *Candelabri antichi di Ercolano* c *Piede del candelabro* C

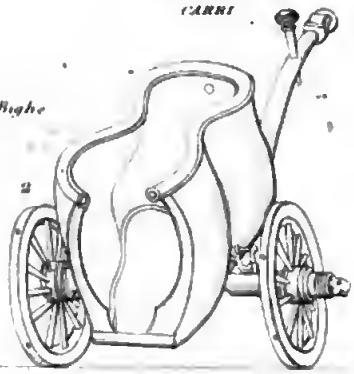
ANTICHITÀ

CANDELABRI

Scale di Palmi Romani

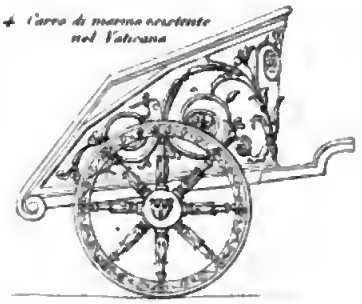


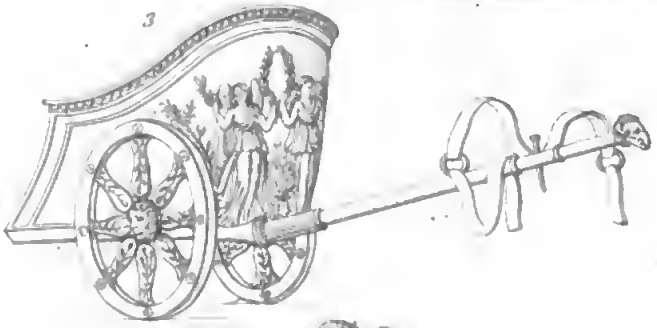
N. 1 e 3. Righe



2

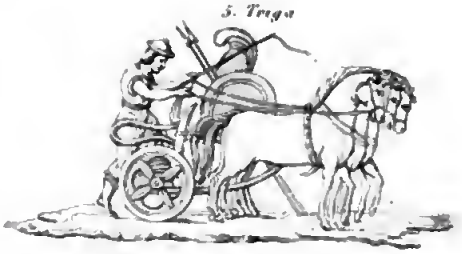
4. Carro di marmo esistente nel Vaticano





3

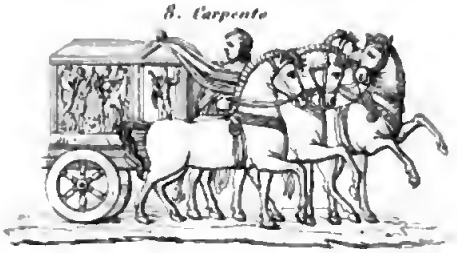
5. Triga



7. Sestiga

6. Quadriga

8. Carpento



9. 10. Carri falcati

9

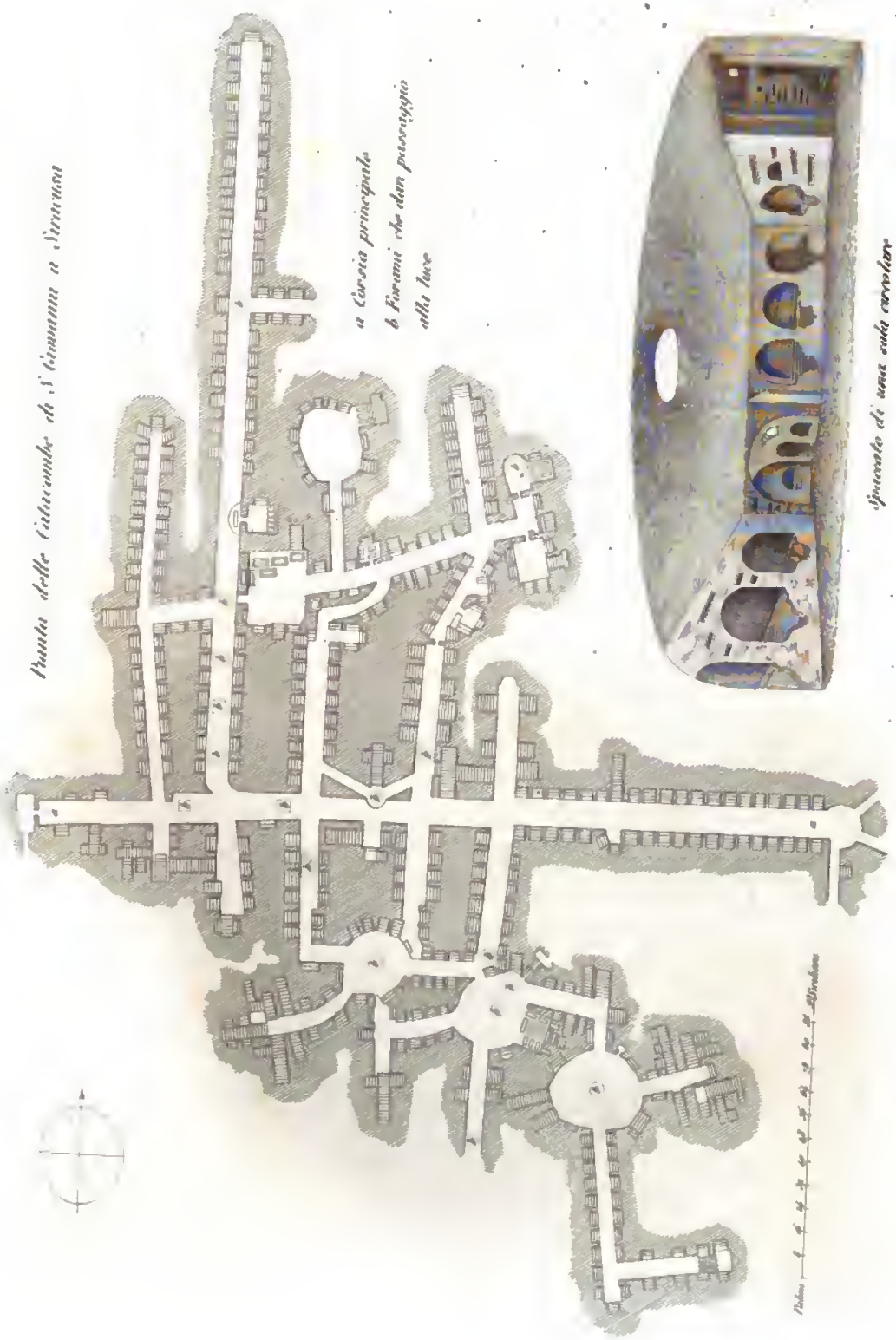
10

Catacombe di Napoli

Catacombe di Parigi

Colombario a S. Sebastiano in Roma.

Digitized by Google



Digitized by Google

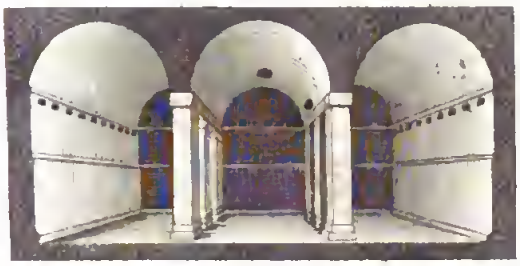
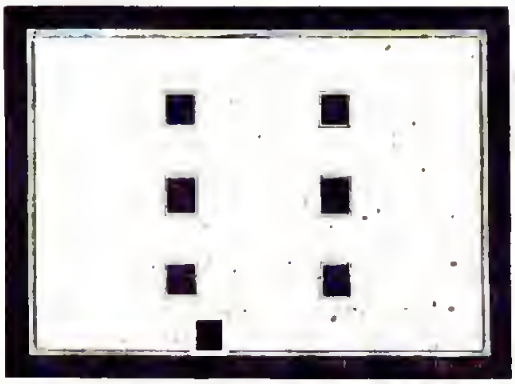
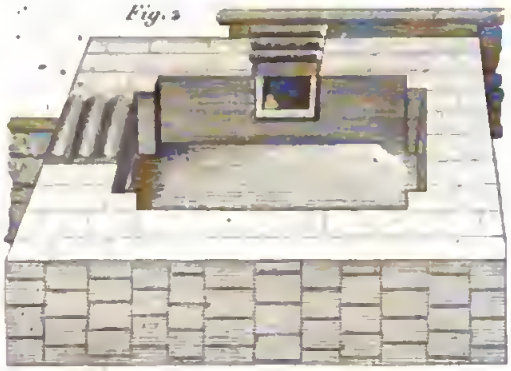


Fig. 1.



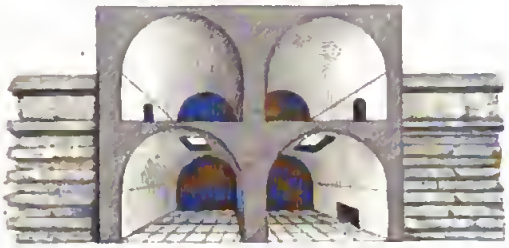
Pianta e sezione dell'antica Piscina di Volterra

Fig. 2



Piscina dell'acqua Alessandrina

Fig. 3.



Piscina dell'acqua Vergine

Fig. 4.

Cisterna delle mille e una colonna a Costantinopoli

ANTICHITÀ

ERCOLANO. POMPEI

Pompei _ Porta della Città dalla parte di Ercolano

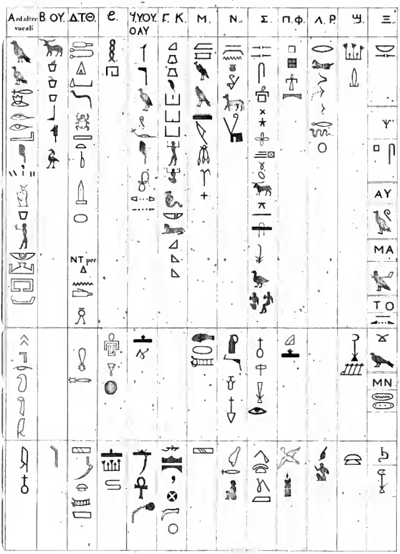
Ercolano _ Ultimi scavi

Digitized by Google

ANTICHITÀ

GEROGLIFICI

ALFABETO FONETICO



Digitized by Google

ATTRIBUTI, E AZIONI

TA ⲛϩ, ⲁϩⲓ	ADORAZIONE ϣⲁⲙϣⲉ	ASSEMBLEA ϣⲁⲓ
ERNITA' ⲉϩ	PADRE ⲓⲱⲧ	SACRO ⲟⲩⲁⲃ
MORTALE ⲟⲛϩ ⲉ̀ⲛⲉϩ	MADRE ⲙⲁⲩ	CONSACRATO ⲟⲩⲟⲩⲱⲧ?
IOIA ⲗⲟⲩ? ⲣⲁϣⲓ?	FIGLIO ϣⲏⲣⲓ	DARE ϯ
OTERE ⲟⲙ	SERVO ⲃⲱⲕ? ϣⲫⲏⲣ?	OFFERIRE ⲉⲛ, ⲓⲛⲓ
TABILITA' ⲉⲭⲣⲟ	FIGLIA ϣⲉⲣⲓ	DEDICARE ⲧⲁϩⲟ?
TABILITO ⲉⲭⲣⲏⲟⲩⲧ	FIGLI ⲛⲓϣⲏⲣⲓ	LEGITTIMO ⲑⲙⲏⲓ
ORZA ⲙⲉⲣϩⲓ	FANCIULLO ⲁⲗⲟⲩ	BUONO ⲛⲁⲛⲉ
OTERE ⲱⲟⲣ	DIRETTORE ⲣⲉϥⲥⲟⲩⲧⲉⲛ?	CONCESSIONE ⲉⲧⲧⲛϩⲙⲟⲧ
ITTORIA ⲅⲣⲟ	TIMONIERE ⲣⲉϥϩⲉⲙⲓ	MUNIFICENTE ⲣⲉϥⲛⲁⲛⲉϥ
ORTUNA	REMATORE ⲣⲉϥⲃⲟⲥⲉⲣ?	GRANDE ⲛⲓϣⲧ, ⲛⲁⲁ
SPLENDORE ⲙⲟⲩ, ⲟⲩⲱⲓⲛⲓ	RE ⲟⲩⲣⲟ	ALTRI ⲕⲉⲭⲱⲟⲩⲛⲓ
PORTARE ϥⲁⲓ	CONDIZIONE ⲙⲉⲧ	CHIAMATO ⲉⲧⲭⲱ
ILLUSTRE ϧⲉⲣⲓⲱⲟⲩ	REGNO ⲙⲉⲧⲟⲩⲣⲟ	DICHIARAZIONE ⲱϣ ϩⲱⲛ
ONORE ⲧⲁⲓⲟ	LIBAZIONE ⲱⲧⲉⲛ ⲉ̀ⲃⲟⲗ	MANIFESTO ⲉⲧⲥⲟⲩⲉⲛ
RISPETTABILE ⲙ?ⲙⲛϣⲁ?	CERIMONIA ϣⲗⲏⲗ?	NOME ⲣⲁⲛ
VENERABILE ⲛⲓϣⲧ? ⲛⲁⲓⲁⲧ?	SACERDOTE ⲟⲩⲏⲃ, ϩⲟⲛⲧ	ILLUMINAZIONE ⲣⲉϥⲉⲣⲟⲩⲱⲓⲛⲓ
RITO ⲛⲉⲧⲉϣⲉ	SACERDOZIO ⲙⲉⲧⲟⲩⲏⲃ	AMARE ⲙⲉⲓ, ⲙⲉⲛⲣⲓⲧ
	SACERDOTALE ⲛⲧⲉ ⲛⲓϩⲟⲛⲧ	CONSERVATORE ⲉⲑⲛⲟϩⲉⲙ
INNALZARE ⲧⲁϩⲟ ⲉ̀ⲣⲁⲧ	PREPARARE ⲥⲉⲃⲧⲉ	

Digitized by Google

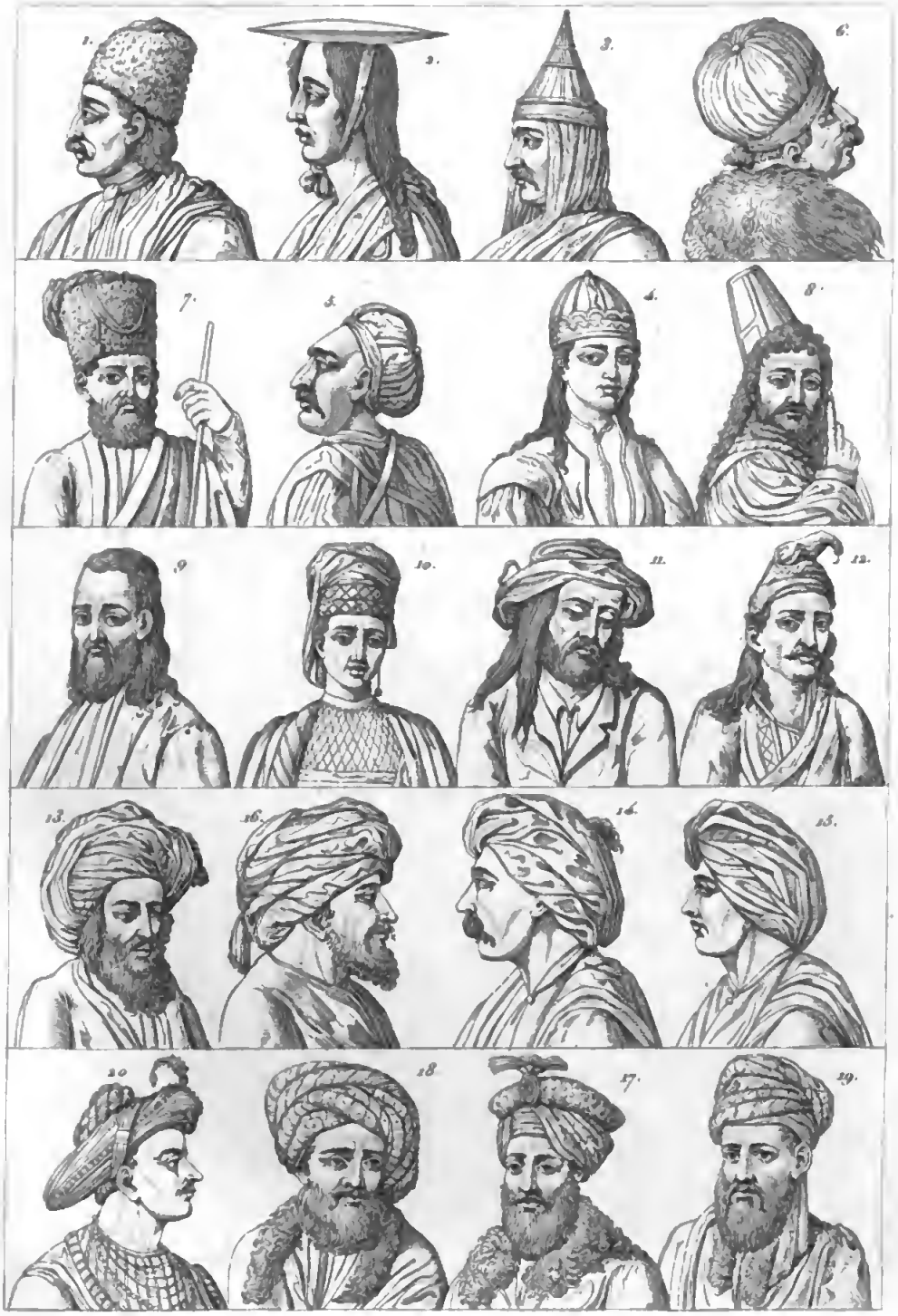
ANTICHITÀ

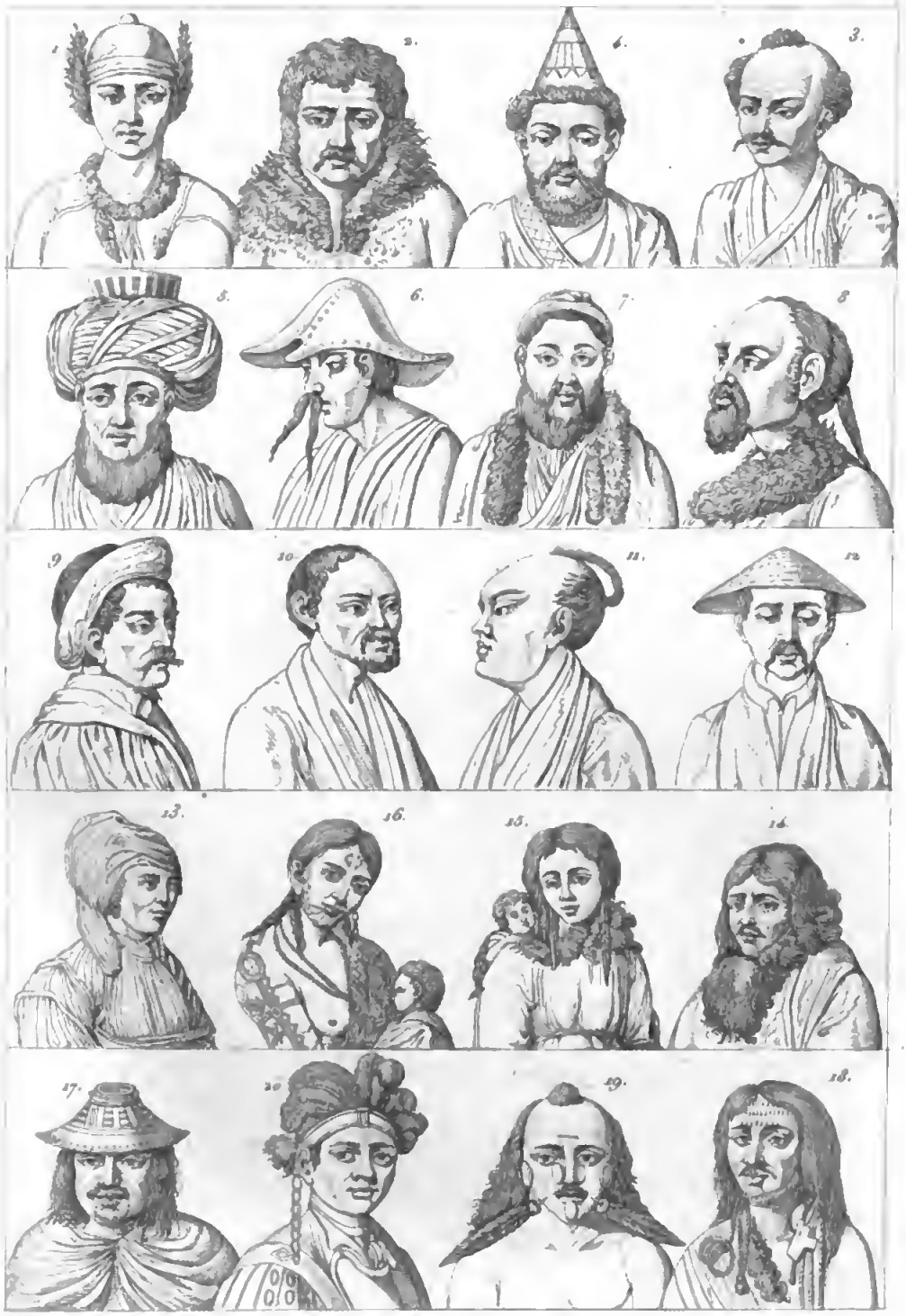
FORI

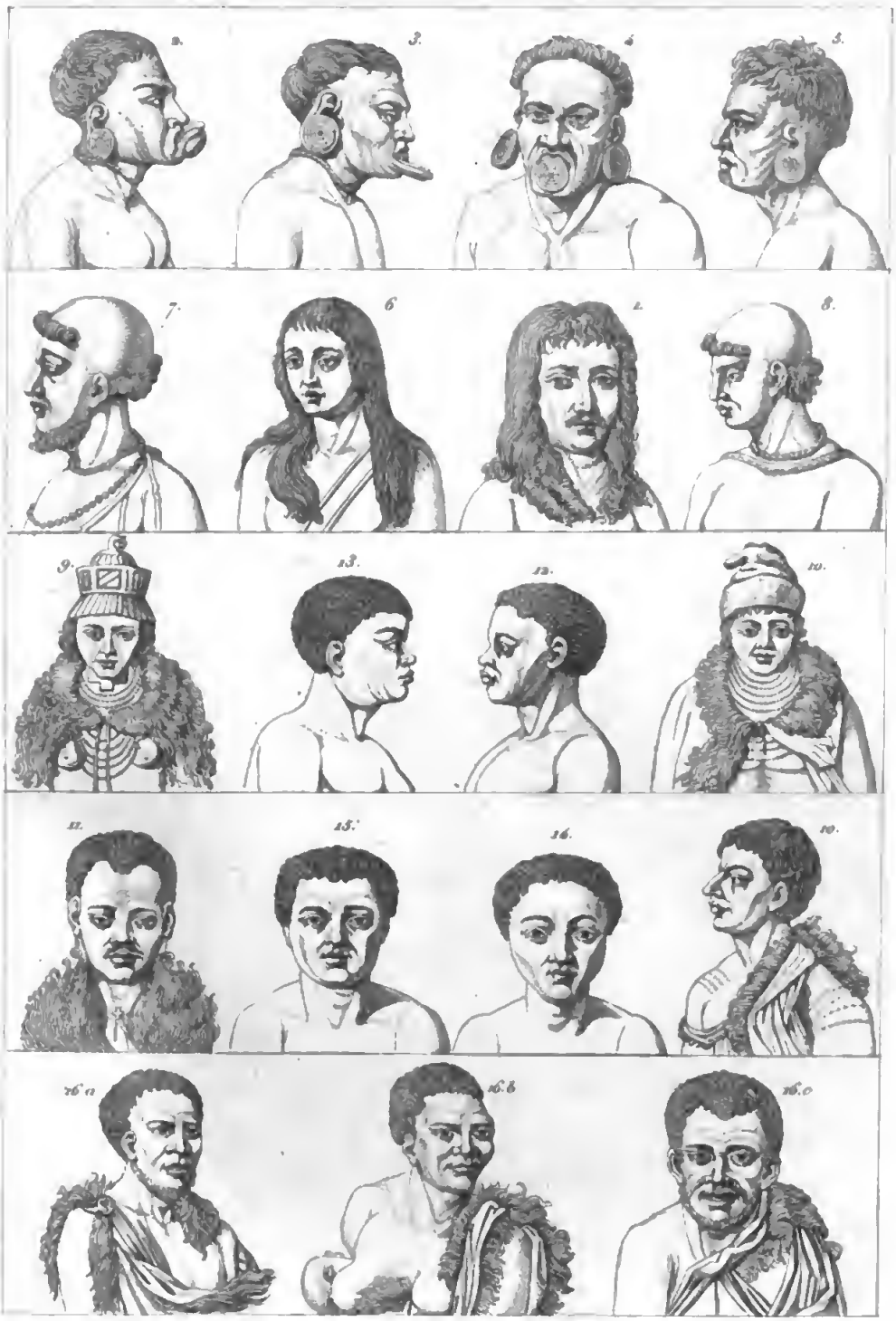
Foro Trajano

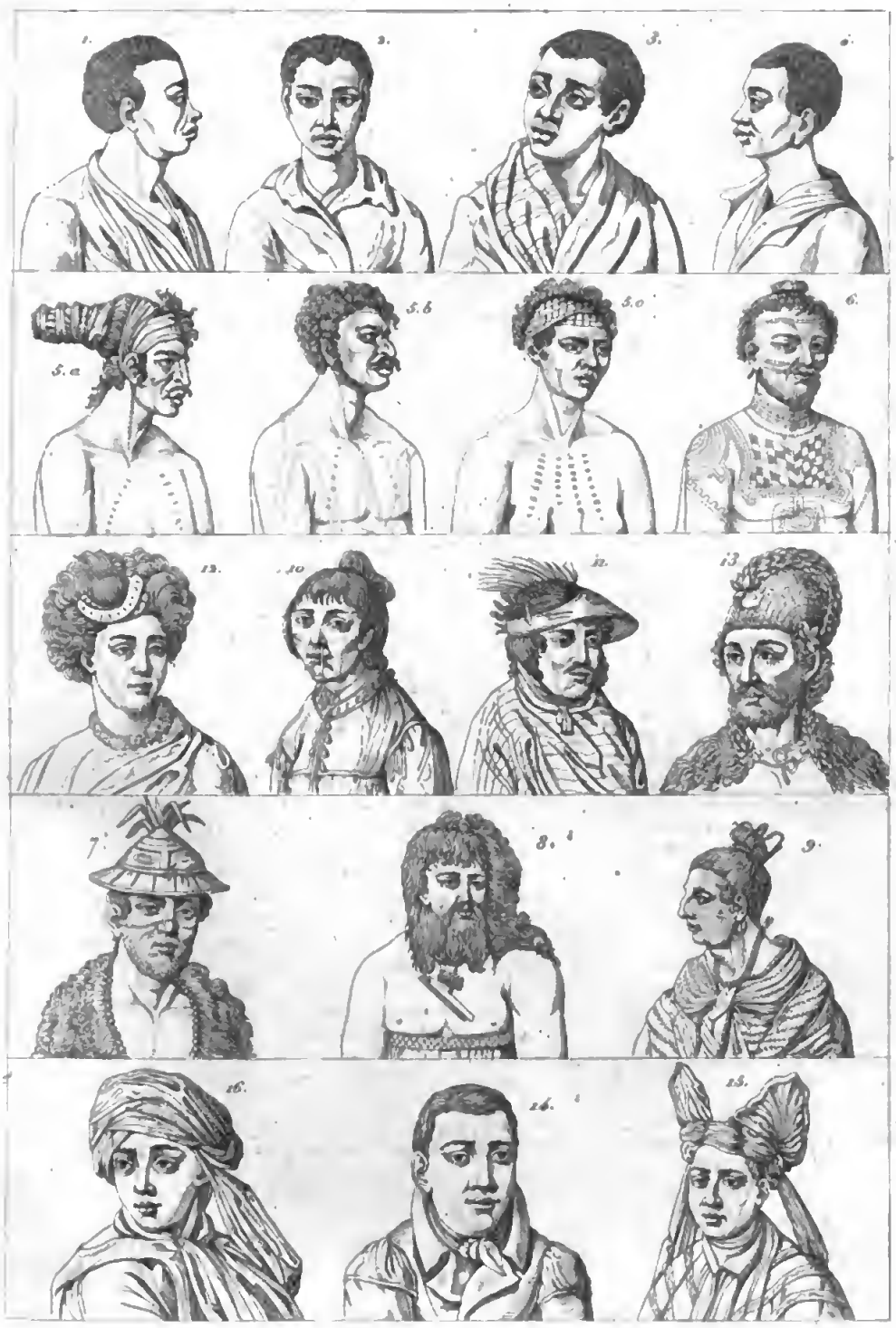
Foro Romano

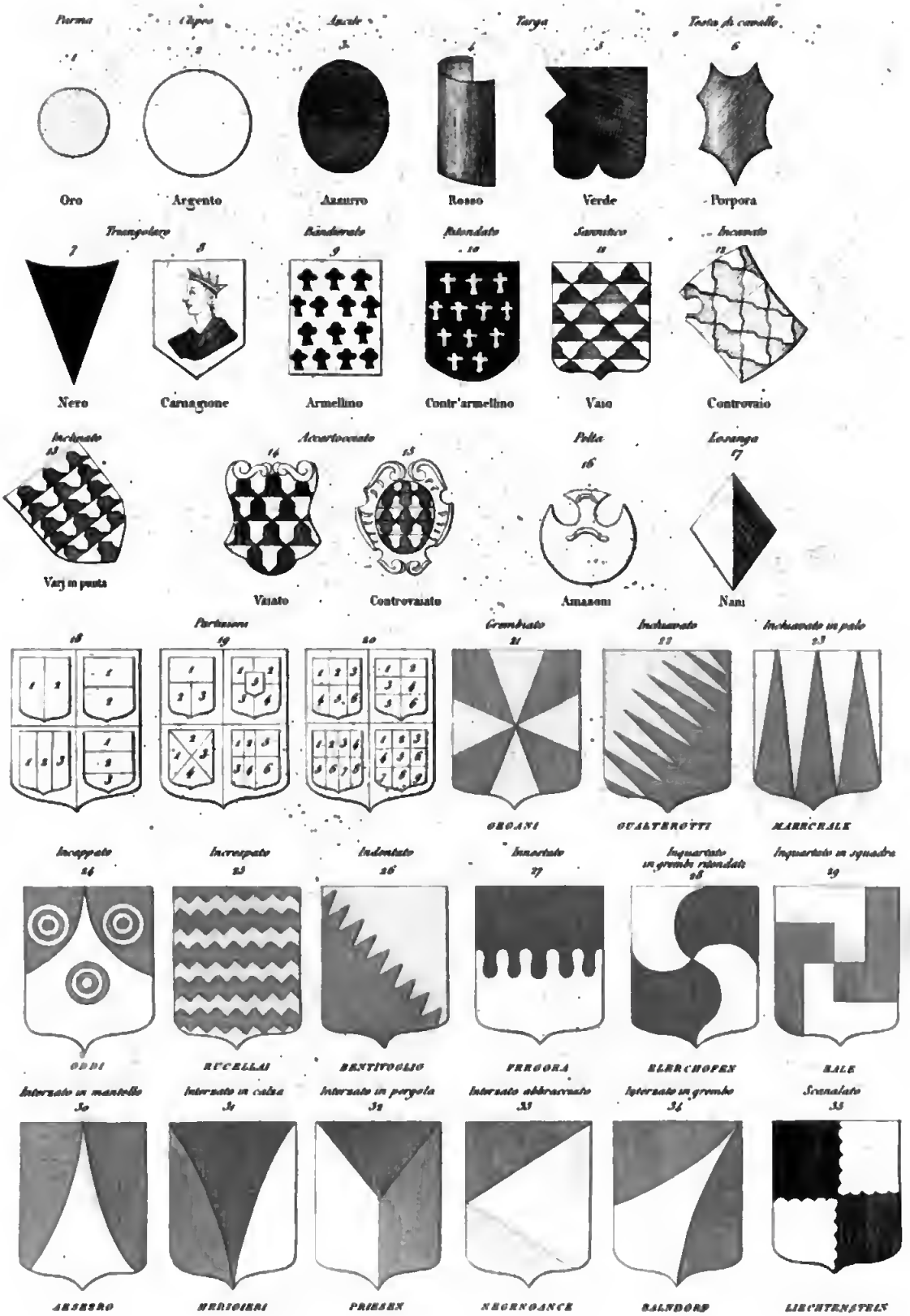
Digitized by Google

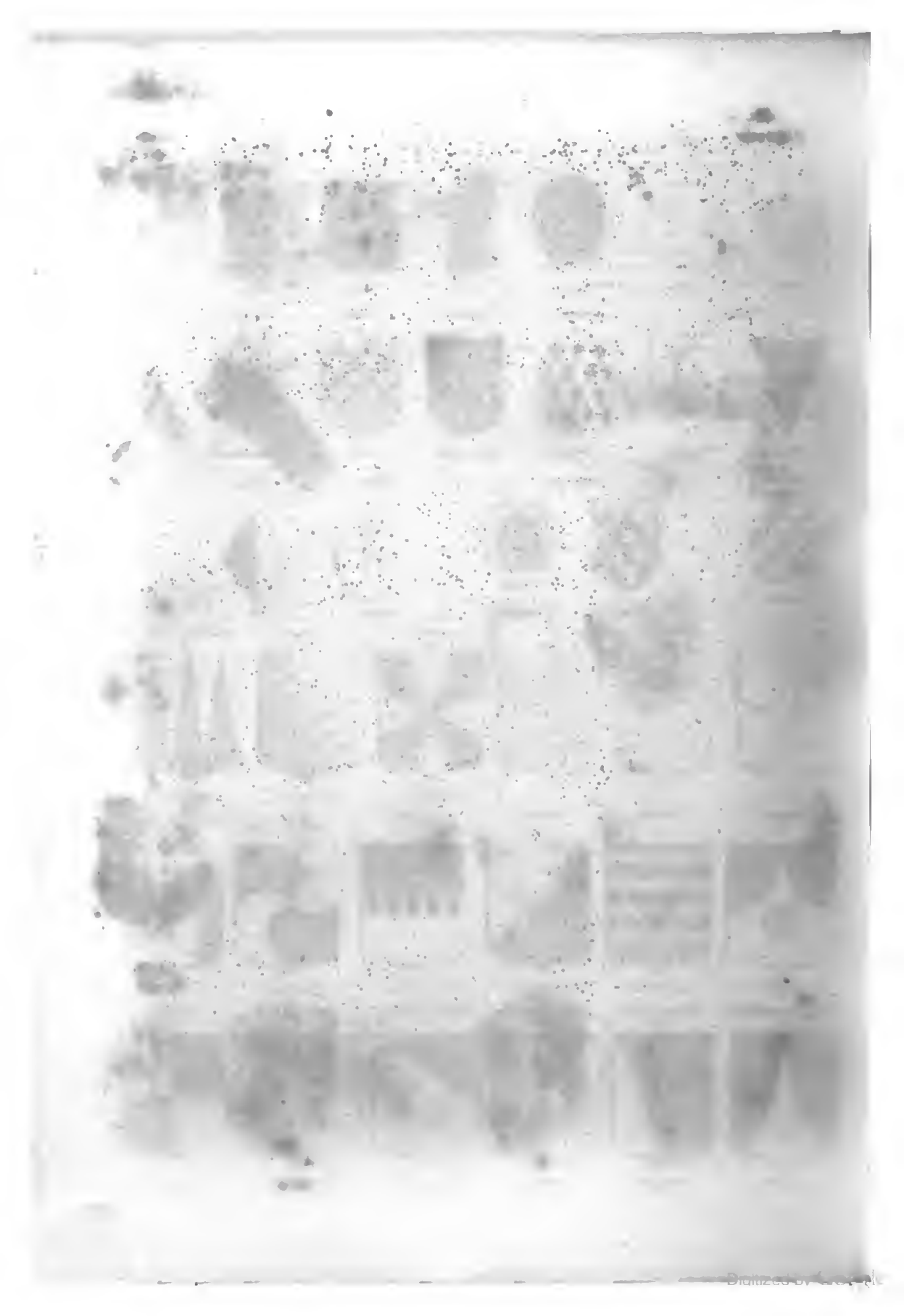

1.
2.
3.
6.
7.
5.
4.
8.
9.
10.
11.
12.
13.
16.
14.
15.
20.
18.
17.
19.


1.
2.
4.
3.
5.
6.
7.
8.
9.
10.
11.
12.
13.
16.
15.
14.
17.
20.
19.
18.


2.
3.
4.
5.
7.
6.
8.
9.
13.
12.
10.
11.
15.
14.
16.
16.a
16.b
16.c


1.
2.
3.
4.
5.a
5.b
5.c
6.
12.
10
11.
13
7.
8.
9.
16.
14.
15.

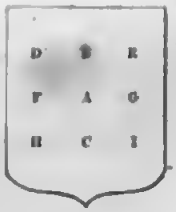

Parma
1
Oro
Capreo
2
Argento
Azzale
3
Azzurro
Targa
4
Rosso
5
Verde
Testa di cavallo
6
Porpora
Trangolato
7
Nero
8
Carnagione
Rinderato
9
Armellino
Rotondato
10
Contr'armellino
Savvitato
11
Vaio
Incuneato
12
Controvaio
Inchinato
13
Varj in punta
Accartocciato
14
Vaiato
15
Controvaiato
Pelta
16
Amazoni
Losanga
17
Nani
Partizione
18
19
20
Crembiato
21
ORGANI
Inchinato
22
GUALTEROTTI
Inchinato in palo
23
MARESCALK
Incappato
24
ODDI
Increspato
25
RUCELLAI
Indentato
26
BENTIVOGLIO
Innestato
27
FERRORA
Inquartato in grembo rotondato
28
KLERCHOFEN
Inquartato in squadra
29
KALE
Interzato in mantello
30
ARBERRO
Interzato in calza
31
HERTOGHRI
Interzato in pergola
32
PRISSEN
Interzato abbracciato
33
NEGRONANCE
Interzato in grembo
34
RALNDORP
Scaccato
35
LICHTENATHEIN



Semifiguriato 36

PROBERNO

Situazione 37



Capo 38

MONFERRATO

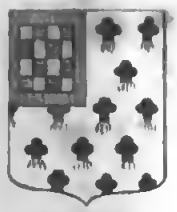
Abbassato 39

PADI

Campagna 40

VITELLONI

Quartito 41



GIO I DUCA

Capo-palo 42

MARCHESI

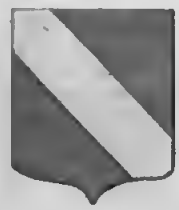
Fascia 43

ORSINARI

Fascia-cantone 44

WOODVILLE

Banda 45



MALVEZZI

Sbarra 46

STRIN

Capriolo 47

CANALI

Punta 48

GHISI

Bezantato 49

ALBERONI

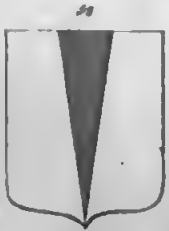
Cinto 50

CABLOT

Cinto doppio 51

SCOZIA

Pila 52



CHANDOS

Gambo 53

FANELLO

Accompagnato 54

ISBRUNO

Punta di Scacchiero 55

PORTOCARRERI

Croce bifurcata 56

PIGNATTI

Patente 57

ARGENTRE

Bifurcato 58

S. GOBERT

Partito 59

DE LA ISLE

Trifurcato 60

TOLOSA

Ancorato 61

DAMAS

Doppio 62

RCHAUVR

Avellano 63

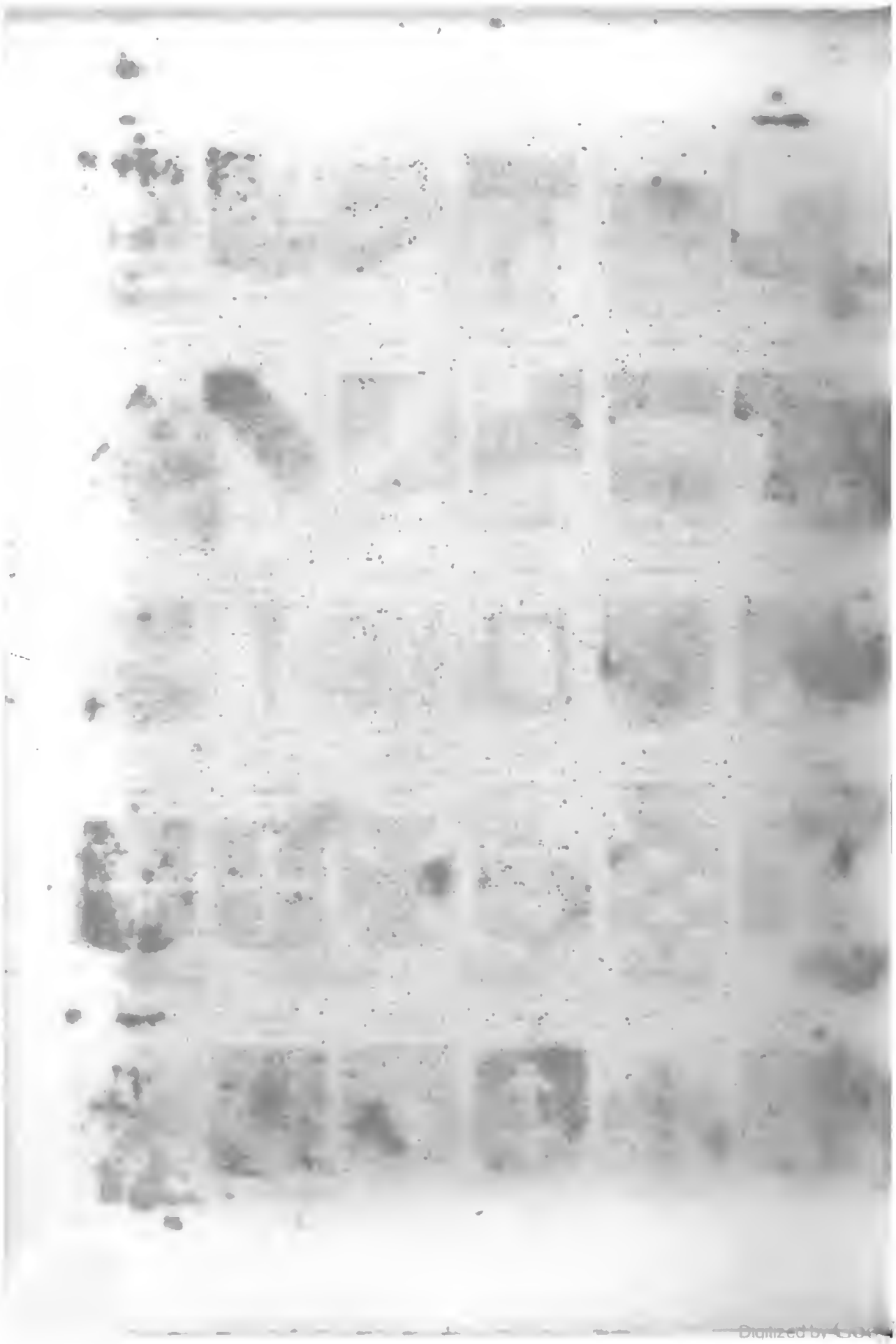
CPLACRIA

Comellato 64

RNGLLESJ

Partizato 65

BIRLEY



Rifesso 66

HERRCHPERT

Affrontato 67

BARBI

Addossato 68

PERONDI

Annodato 69

LUCKEMBURGH

Nascente 70

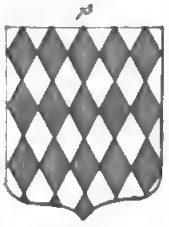
ORBELAPPI

Fuso 71

SALIMBENI

Fasato in banda 72

RAVIERA

Fasato 73

GRIMALDI

Losanga 74

MINORINI

Losanga vota 75

ROAN

CORONE DELLE DIGNITÀ SECOLARI

Dell'Imperatore 76

Del Re 77

Di Francia 78

D'Inghilterra 79

Di Venezia 80

D'Arciduca 81

D'Elettore 82

Di Toscana 83

Di Duca o Principe 84

Antica 85

Di Marchese 86

Di Conte 87

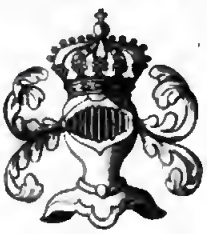
Di Vidame 88

Di Visconte 89

Di Barone 90

ELMI, CIMIERI E LAMBREQUINI

Dell'Imperatore e del Re 91

92


Di Duca e Principe 93

Di Marchese e Conte 94

Di Visconte, Barone e Cavaliere 95

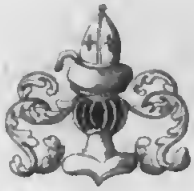
ELMI, CIMIERI E LAMBREQUINI

Di Nobile antico 96

Di Cittadino 97

Ravellato 98

Corallo 99



Pennacchio 100

Di Terzo 101

102

Cimiero affrontato 103

Grido di Guerra 104

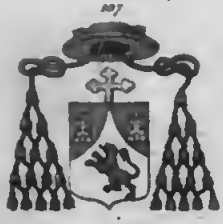
Divisa 105

CIMIERI ED ORNAMENTI DELLE DIGNITÀ ECCLESIASTICHE

Papa 106

BENEDETTO XIV

Cardinale 107



ENRIQUEZ

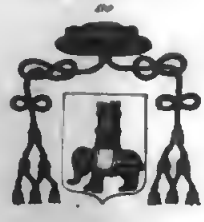
Arcivescovo 108

GUICCIOLI

Vescovo 109

TORELLI

Prelato della Corte Romana 110



FANTUZZI

Abate 111

CIVRANI

Abate reggente 112

GINANNI

Priore 113

MARCOLINI

Abadessa 114

GASPONI

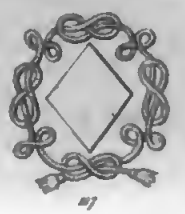
Priore 115

GASPONI

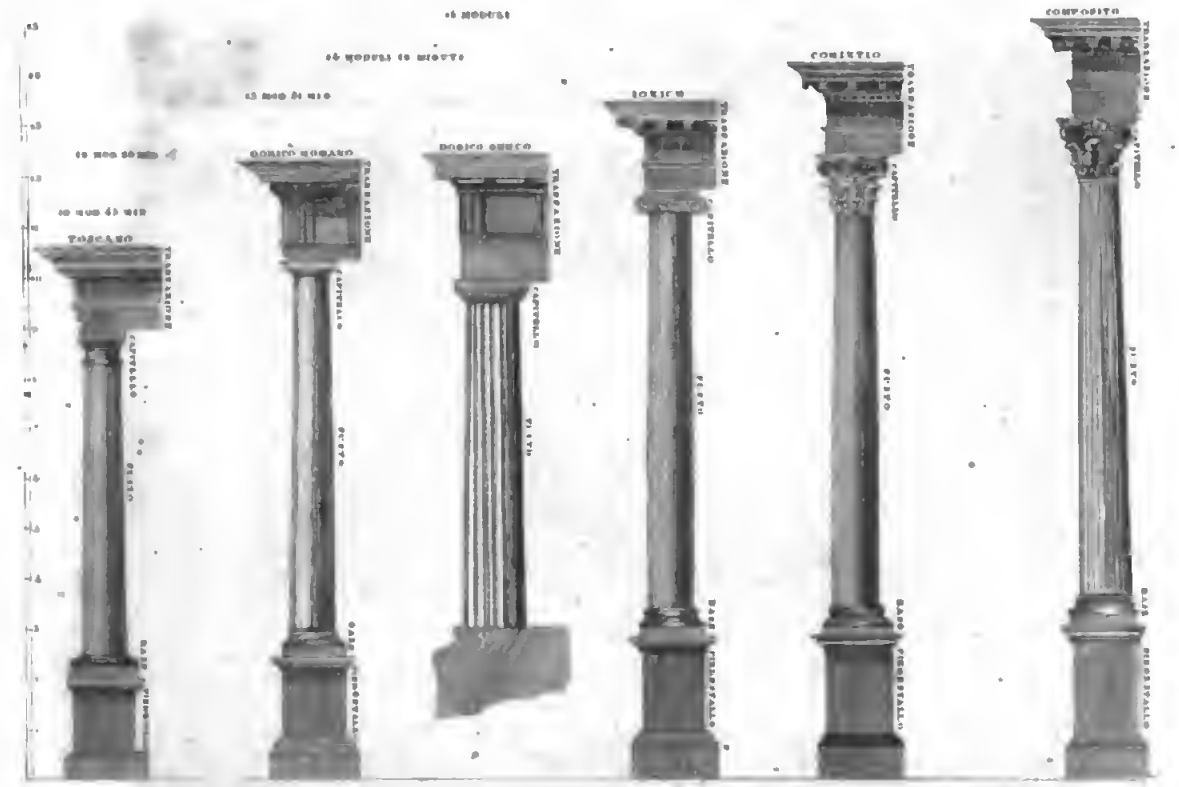
ORNAMENTI DI DIGNITÀ SECOLARI E MILITARI

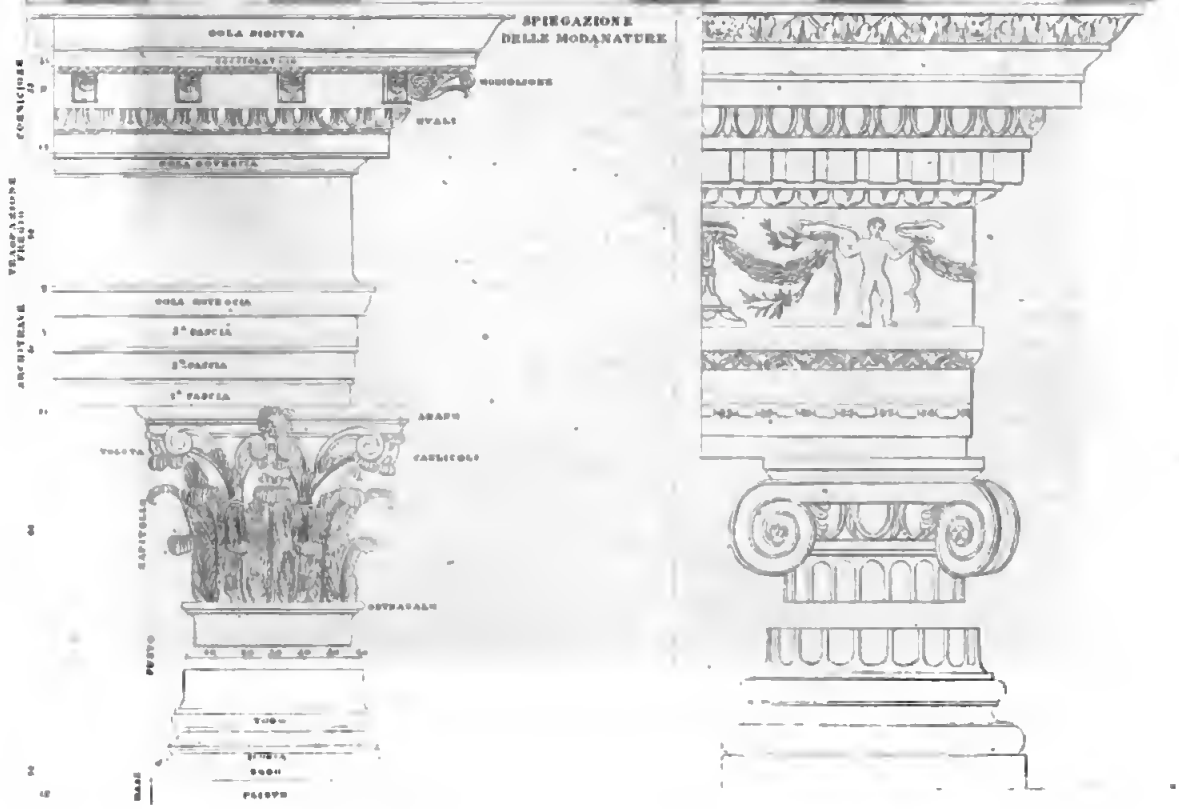
Cordelliera 116

Laccio d'amore 117



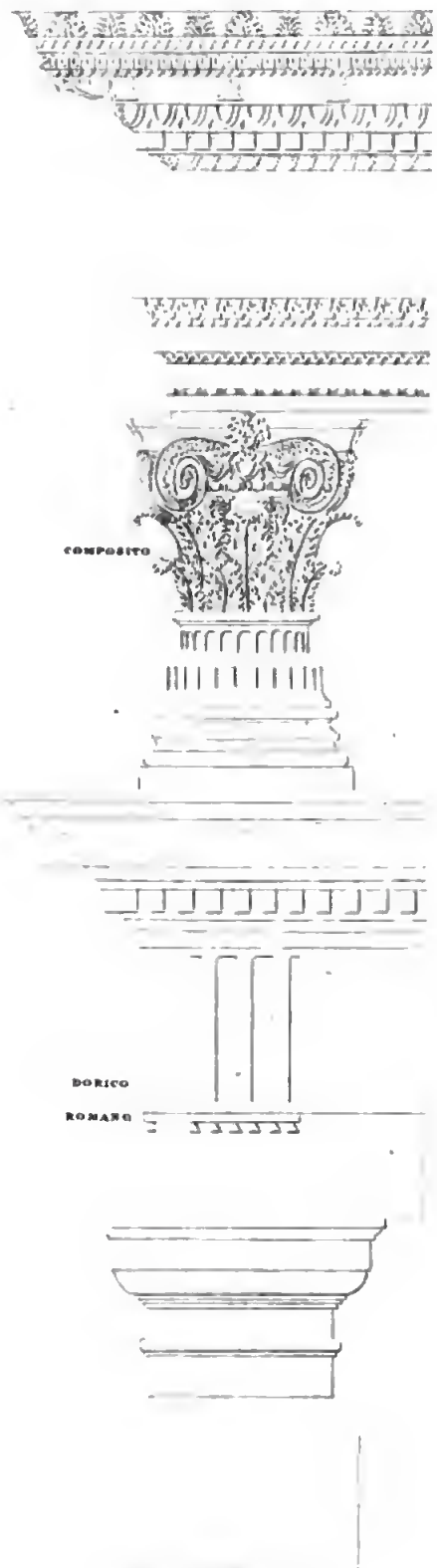
I. CINQUE ORDINI DI ARCHITETTURA

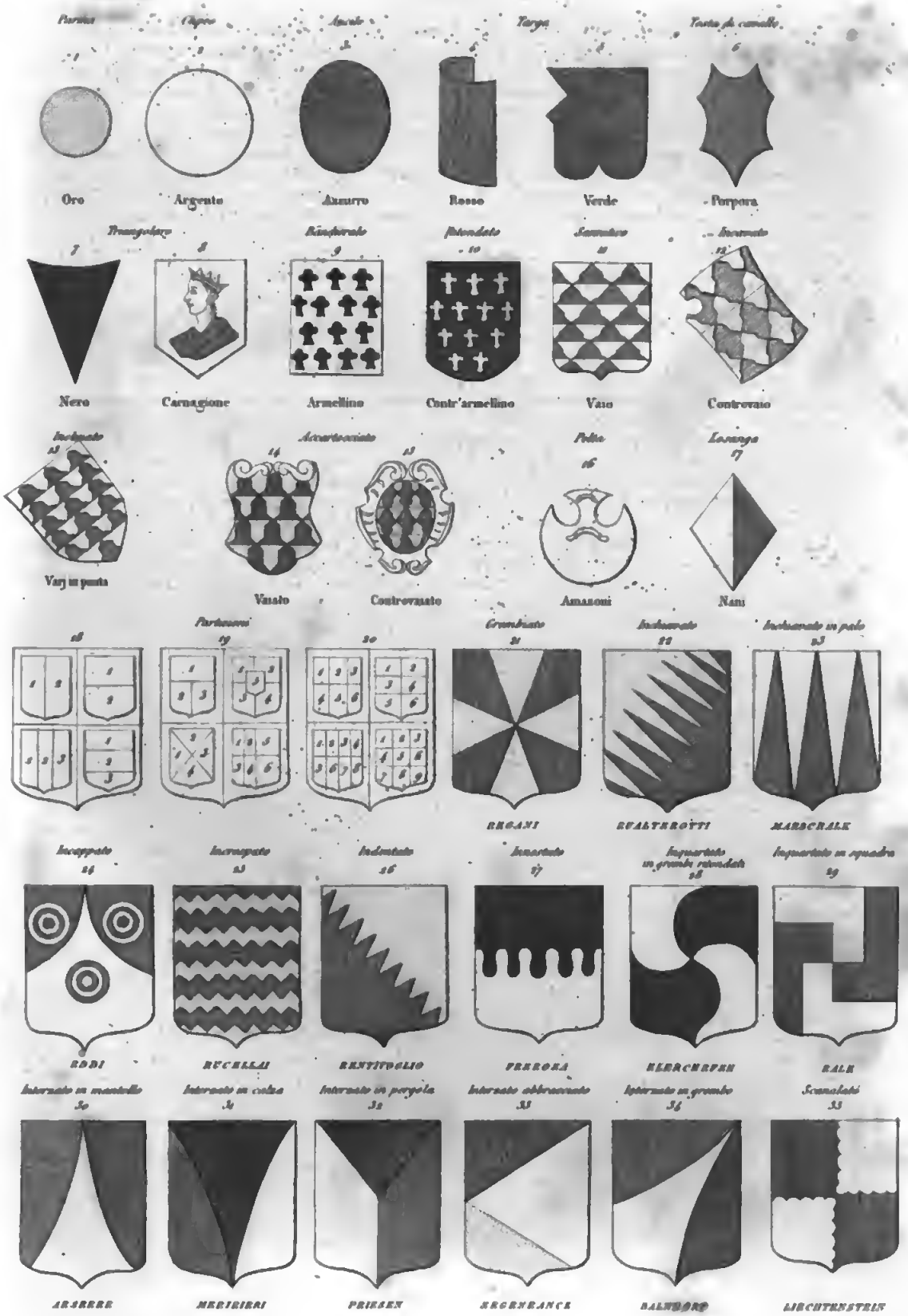




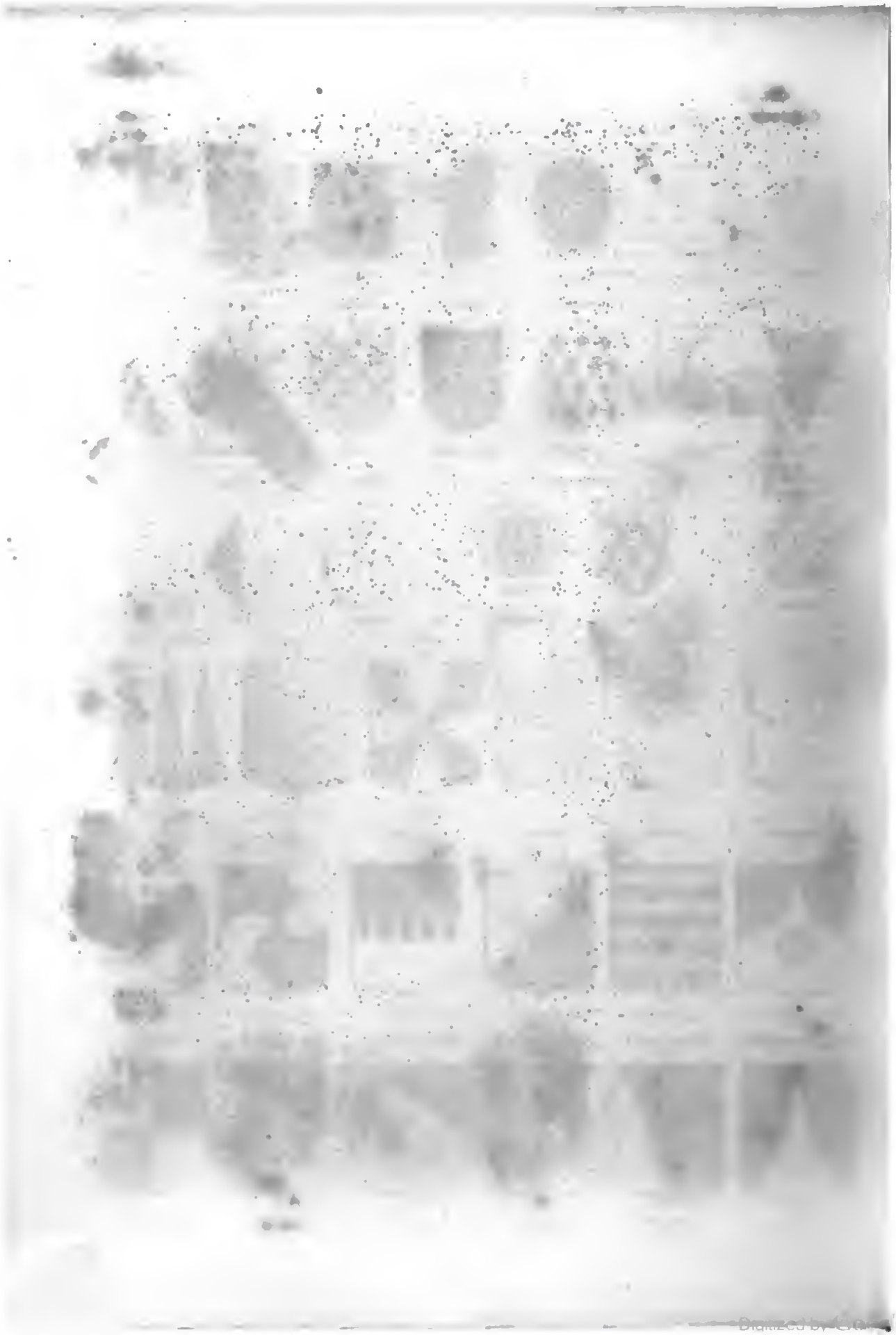
Digitized by Google

CORINTIO
COMPOSITO
JONICO
DORICO


COMPOSITO
DORICO
ROMANO

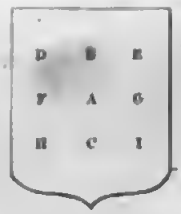


Digitized by Google



Semiquartato 36 — PROMERRO

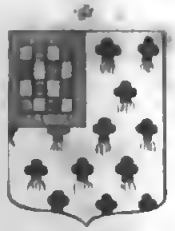
Situazione 37 — D B E / F A G / H C I



Capo 38 — MONFERRATO

Abbassato 39 — PARI

Campagna 40 — VITELLONI



Quarto 41 — GIO I DUCA

Capo-palo 42 — MARCHESI

Fascia 43 — GENNARI

Fascia-cantone 44 — WOODVILLE

Banda 45 — MALVEZZI

Sbarra 46 — STRIN

Capriolo 47 — CANALI

Punta 48 — GHISI

Bisantato 49 — ALENZONI

Cinta 50 — CARLOT

Cinta doppia 51 — ECOSIA

Pila 52 — CHANDOR

Grembo 53 — PANKINO

Accompagnato 54 — ISSODUNO

Punti di Scacchiere 55 — PONTOCARRERI

Croce biforcata 56 — PIGNATTI

Patente 57 — ARGENTER

Trifogliata 58 — R. GOBERT

Pomata 59 — DE LA ISLE

Traforata 60 — TOLOSA

Ancorata 61 — DAMAR

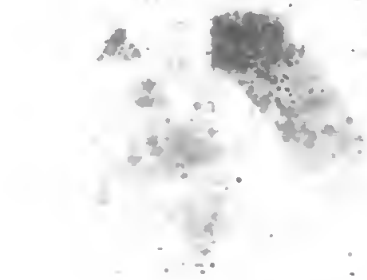
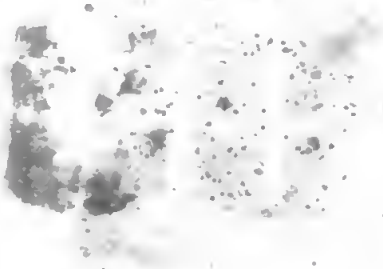
Doppia 62 — ECHAUTE

Avellana 63 — UPLAURIA

Gemellata 64 — KNOLLERS

Ricrociata 65 — BIBELET

Digitized by Google

Rifesso 66

HERRCHPELT

Affrontato 67

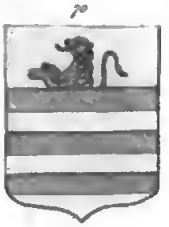
BARBI

Addossato 68

PARANDI

Annodato 69

LICHTENSTEIN

Nascente 70

ORDELAFFI

Fuso 71

SALIMBENI

Fasato in banda 72

RAVIERA

Fasato 73

GRIMALDI

Losanga 74

RINUCCINI

Losanga vota 75

BOAN

CORONE DELLE DIGNITÀ SECOLARI

Dell'Imperatore 76

Del Re 77

Di Francia 78

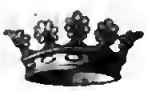
D'Inghilterra 79

Di Venezia 80

D'Arciduca 81

D'Elettore 82

Di Toscana 83

Di Duca e Principe 84


Antica 85

Di Marchese 86

Di Conte 87

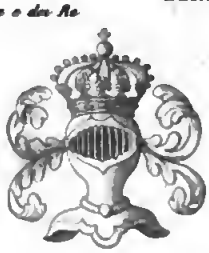
Di Vidame 88

Di Visconte 89

Di Barone 90

ELMI, CIMIERI E LAMBREQUINI

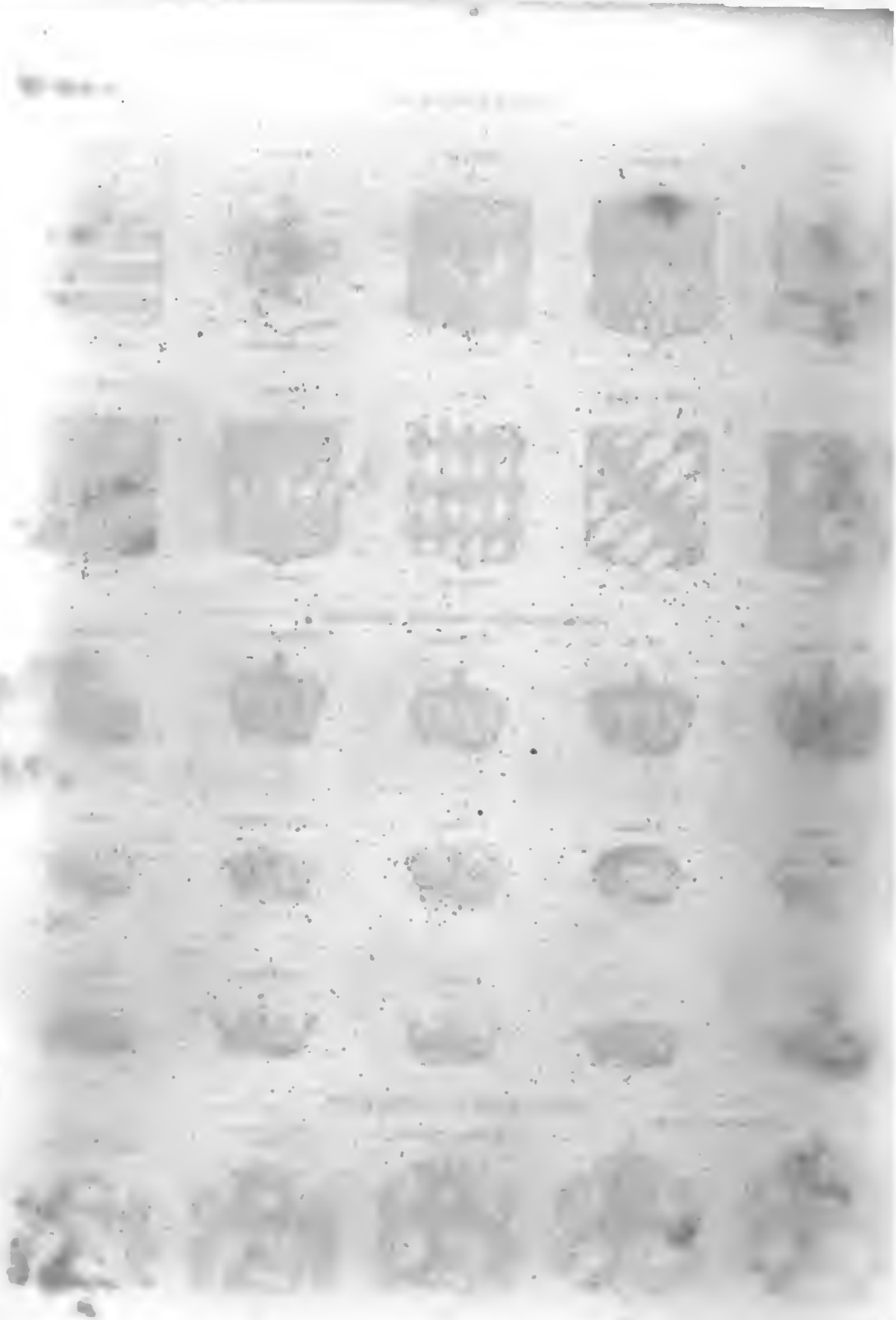
Dell'Imperatore e del Re 91

92


Di Duca e Principe 93

Di Marchese e Conte 94

Di Visconte, Barone e Cavaliere 95

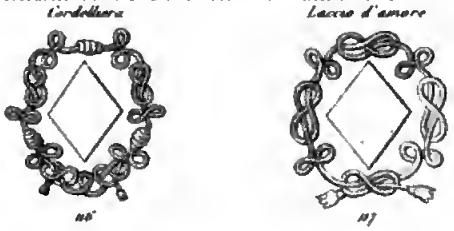


ARALDICA

ELMI, CIMIERI E LAMBREQUINI

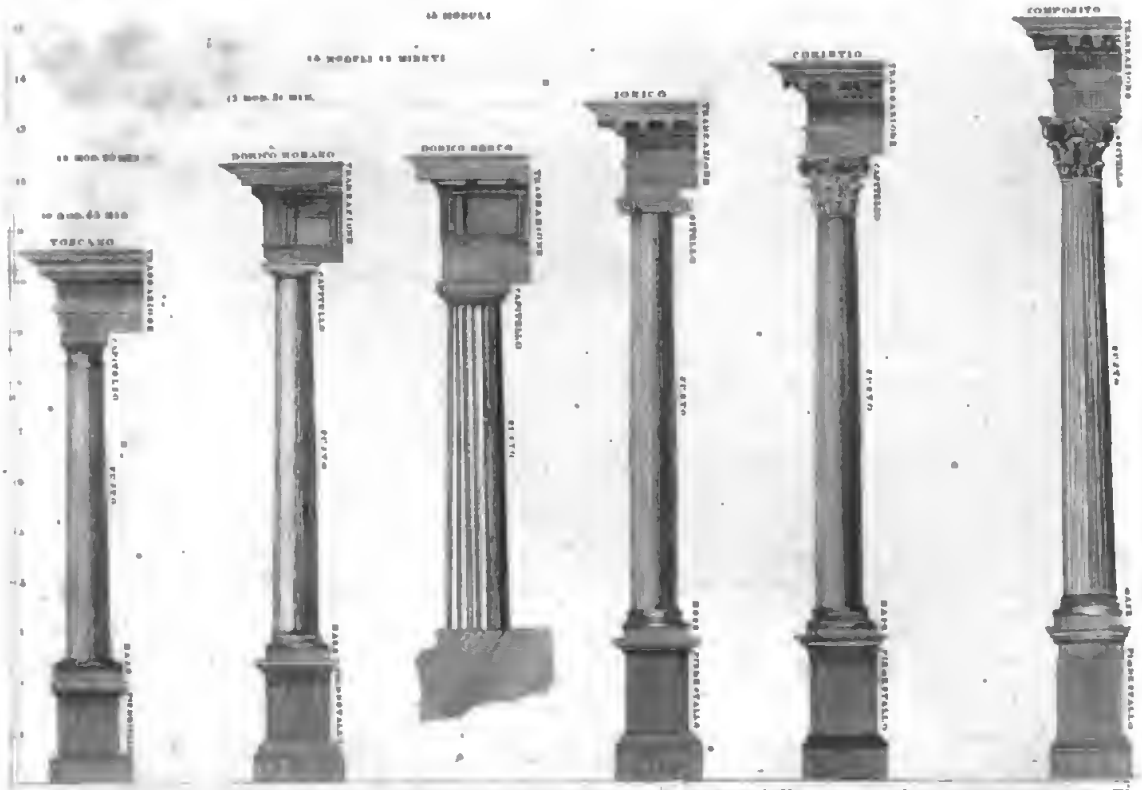
CIMIERI ED ORNAMENTI DELLE DIGNITÀ ECCLESIASTICHE

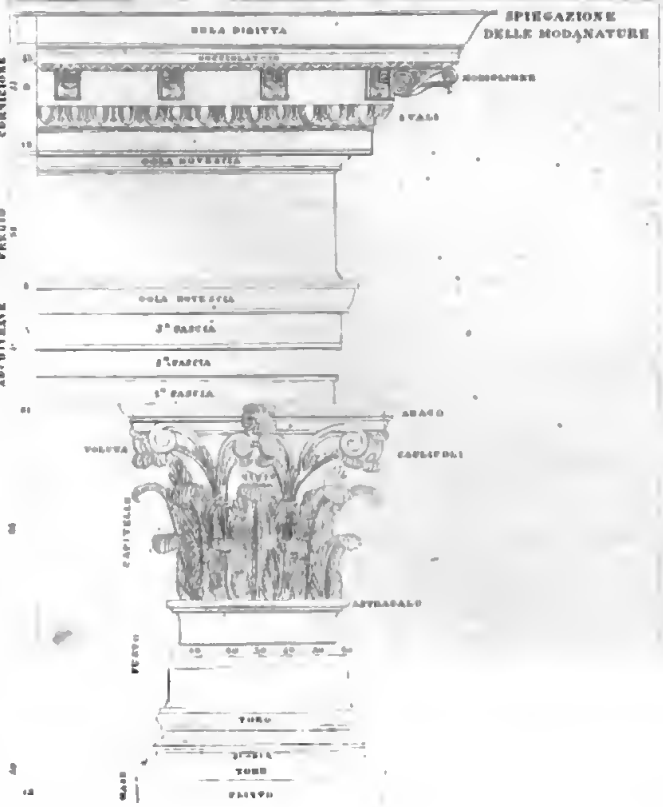
ORNAMENTI DI DIGNITÀ SECOLARI E MILITARI

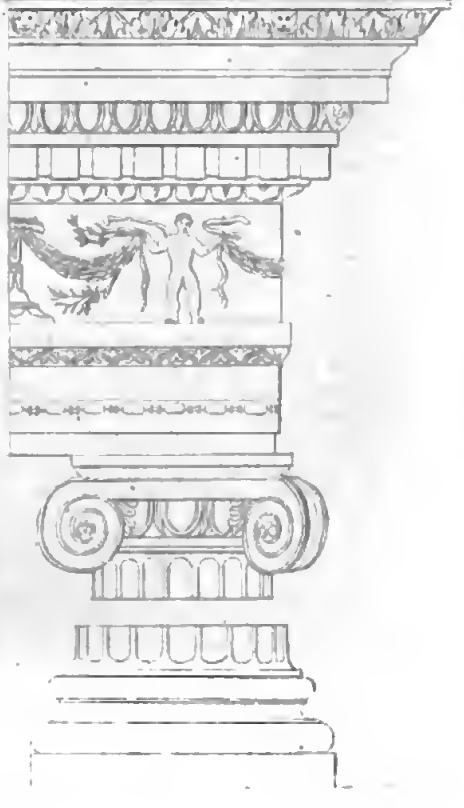


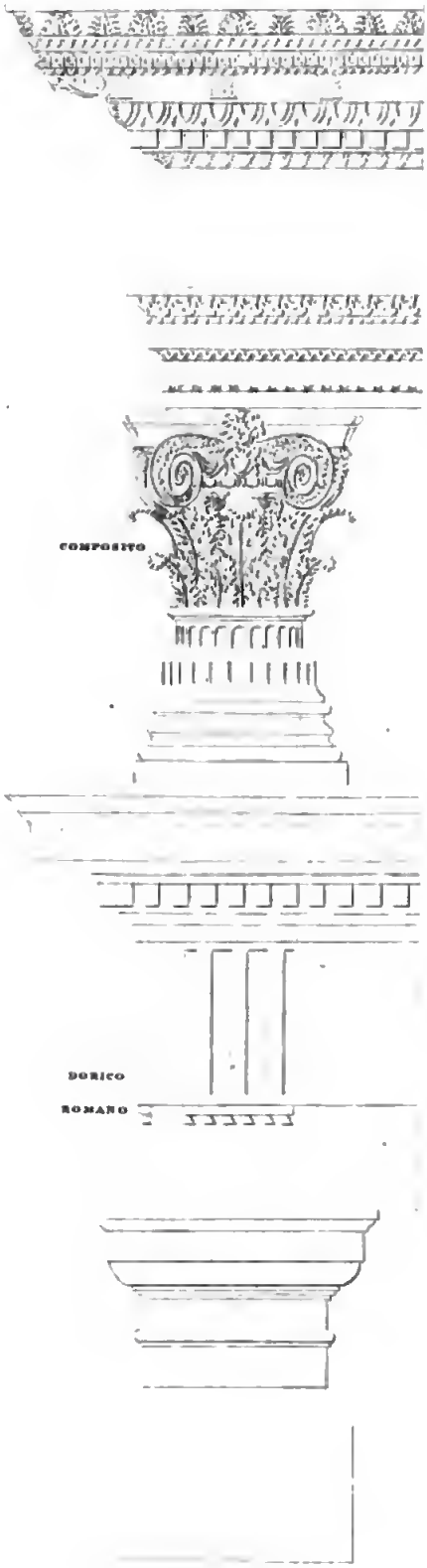
Digitized by Google

I. CINQUE ORDINI DI ARCHITETTURA

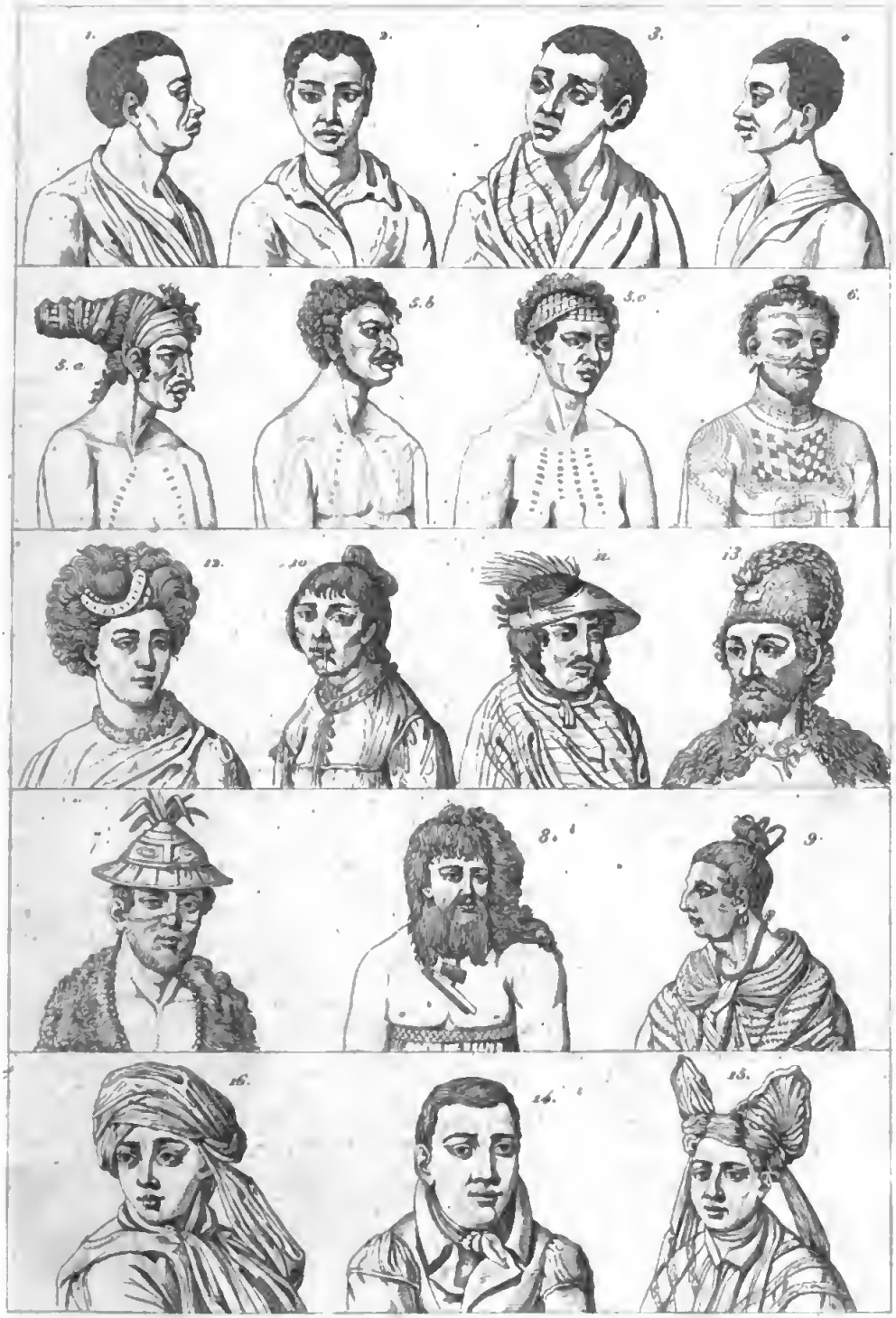


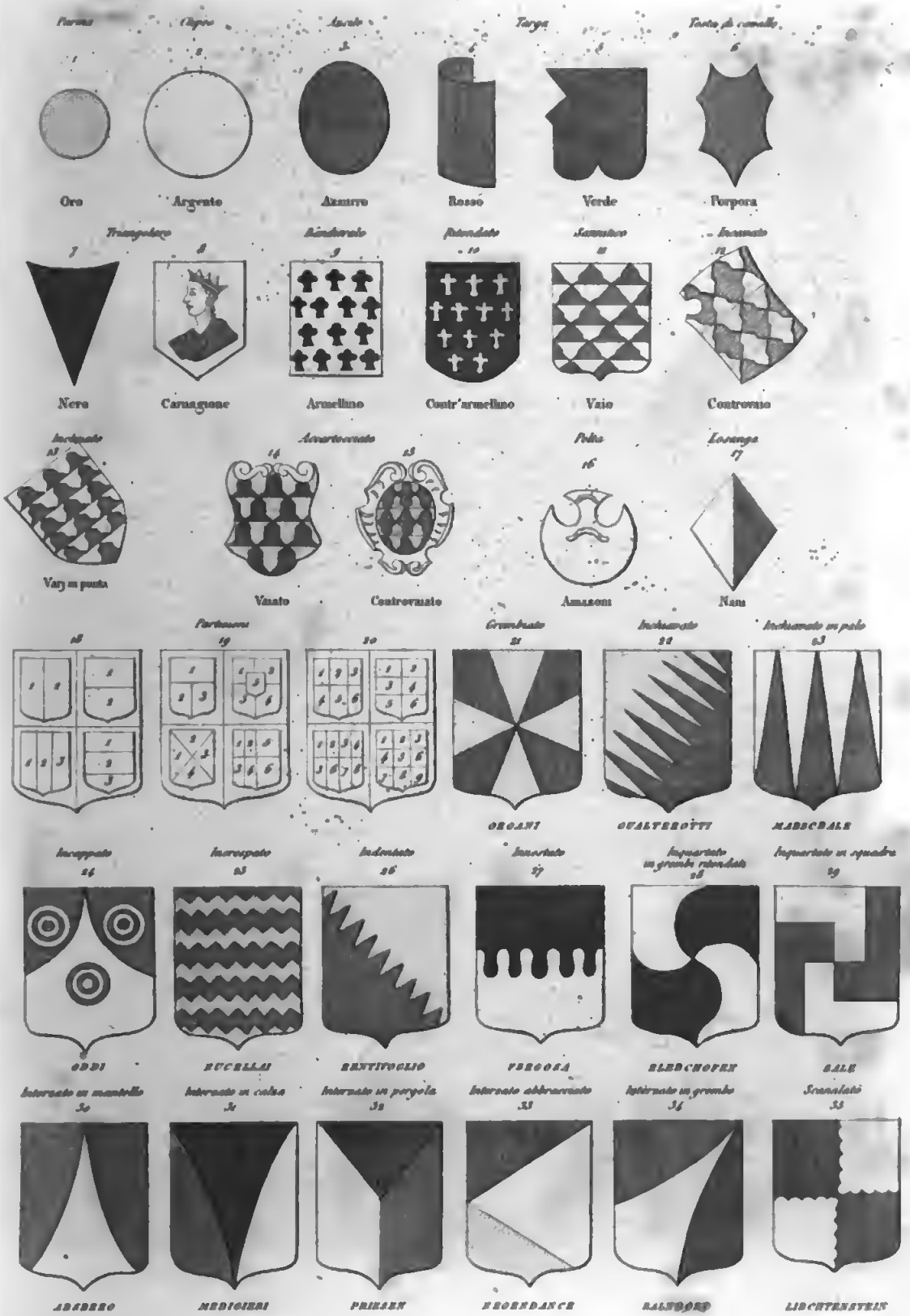




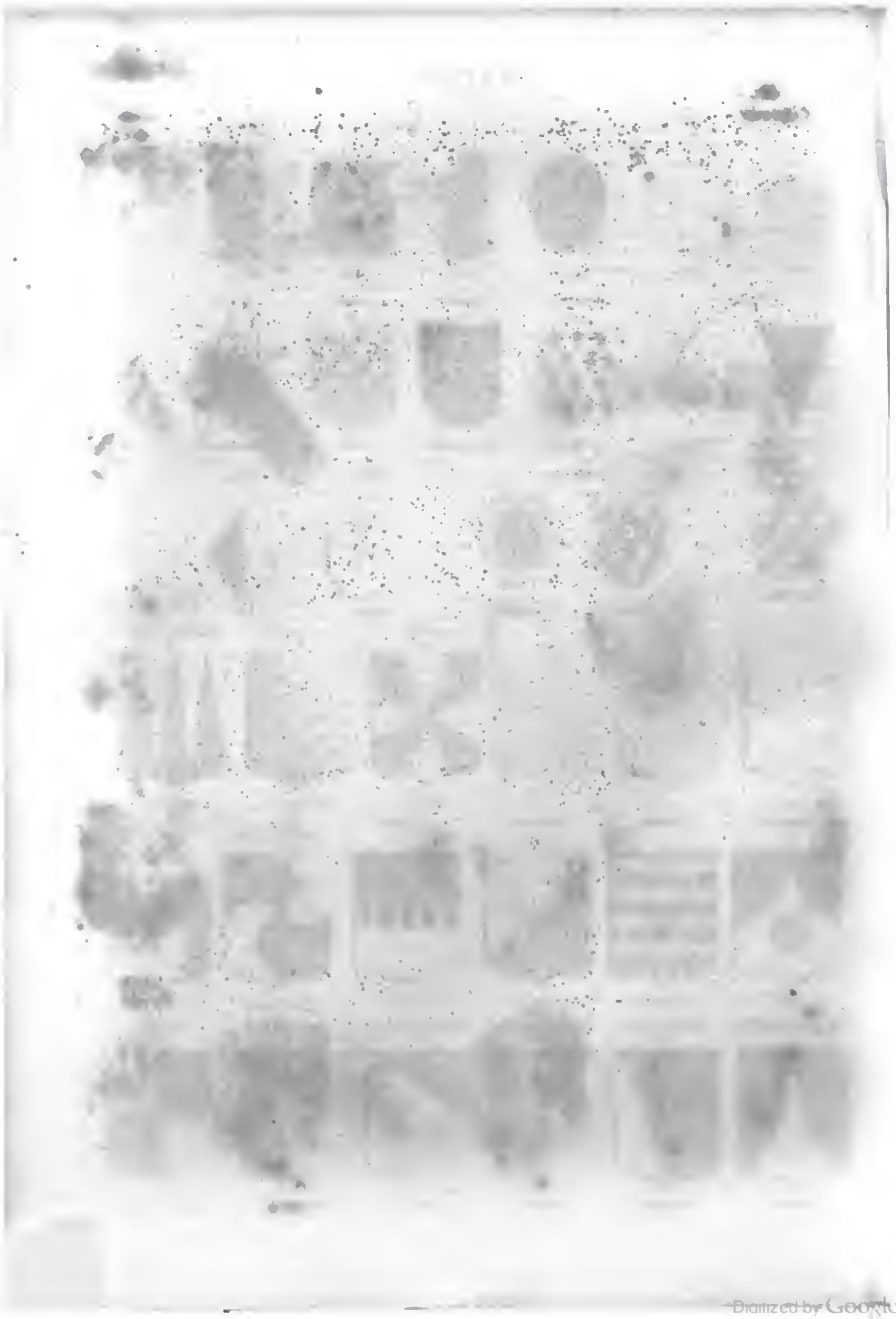


Digitized by Google


1.
2.
3.
4.
5.a
5.b
5.c
6.
12.
10.
11.
13
8.
9.
16.
14.
15.



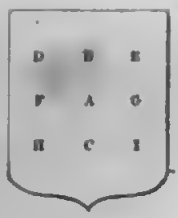
Digitized Google



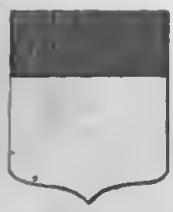
Semifasciato 36

POGNOCCO

Situazione 37



Capo 38



MONFERRATO

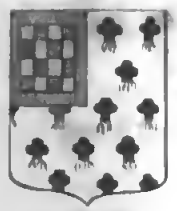
Abbassato 39

PAOI

Campagna 40

VITELLONI

Quarto 41



GIO. I. DUCA

Capo-palo 42

MACCHIOI

Fascia 43

GENNARI

Fascia-cantone 44

WOODVILLE

Banda 45

MALVEZZI

Sbarra 46

ORSINI

Capriolo 47

CANALI

Punta 48

GUIDI

Bordato 49

ALIGHIERI

Cinto 50

CAGLIOSTRO

Cinto doppio 51

SCOZIA

Pila 52

VISCONTI

Gronco 53

FANTINO

Accompagnato 54

ISOLDINO

Punto di Scacchiero 55

PORTOCARRERO

Croce Inforcata 56

PIGNATTI

Patente 57

ARGENTEO

Trifogliato 58

S. GOBERT

Pomato 59

DE LA ISLE

Trasforato 60

TOLOSA

Ancorato 61

DAMAS

Doppia 62

OCHAITO

Avellana 63

FLAVIA

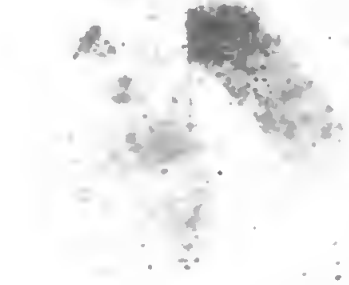
Camellata 64

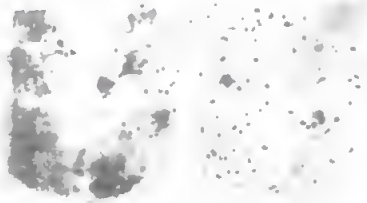
ENGLESI

Recrociato 65

BIBELOT

Digitized by Google





Digitized by Google

Rifonto 66

HERRCHFELT

Affrontato 67

SARRI

Addossato 68

PERONDI

Annodato 69

LUCEMBURGO

Nascente 70

ORDELAFFI

Fuso 71

SALIMBENI

Fusato in banda 72

BAVIERA

Fusato 73

GRIMALDI

Losanga 74

MINERBINI

Losanga vota 75

ROAN

CORONE DELLE DIGNITÀ SECOLARI

Dell'Imperatore 76

Del Re 77

Di Francia 78

D'Inghilterra 79

Di Venezia 80

D'Arciduca 81

D'Elettore 82

Di Toscana 83

Di Duca o Principe 84

Antica 85

Di Marchese 86

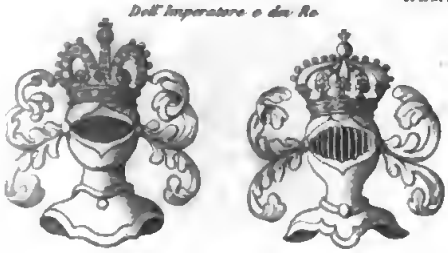
Di Conte 87

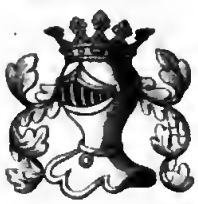
Di Vidame 88

Di Visconte 89

Di Barone 90

ELMI, CIMIERI E LAMBREQUINI

Dell'Imperatore o del Re

91 92

Di Duca o Principe

93

Di Marchese o Conte

94

Di Visconte, Barone e Cavaliere

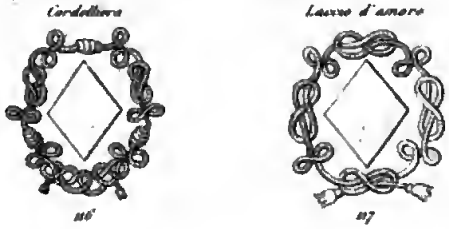
95

ARALDICA

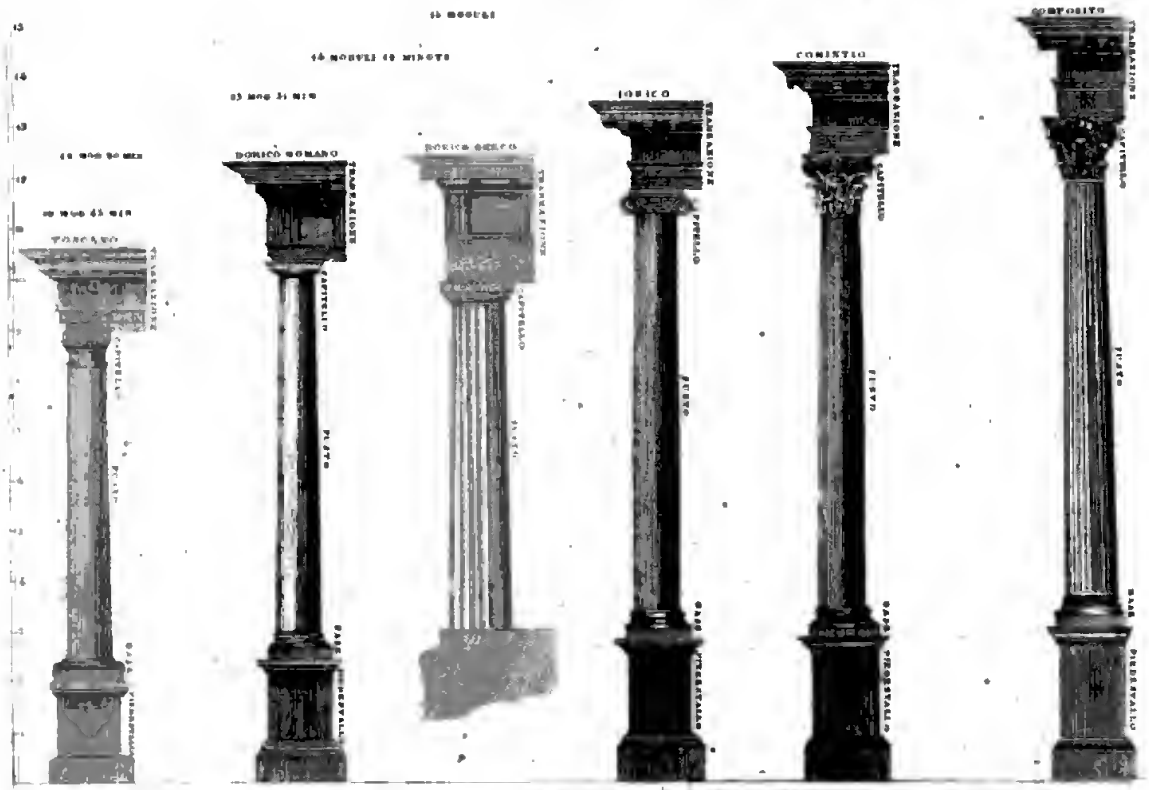
ELMI, CIMIERI E LAMBREQUINI

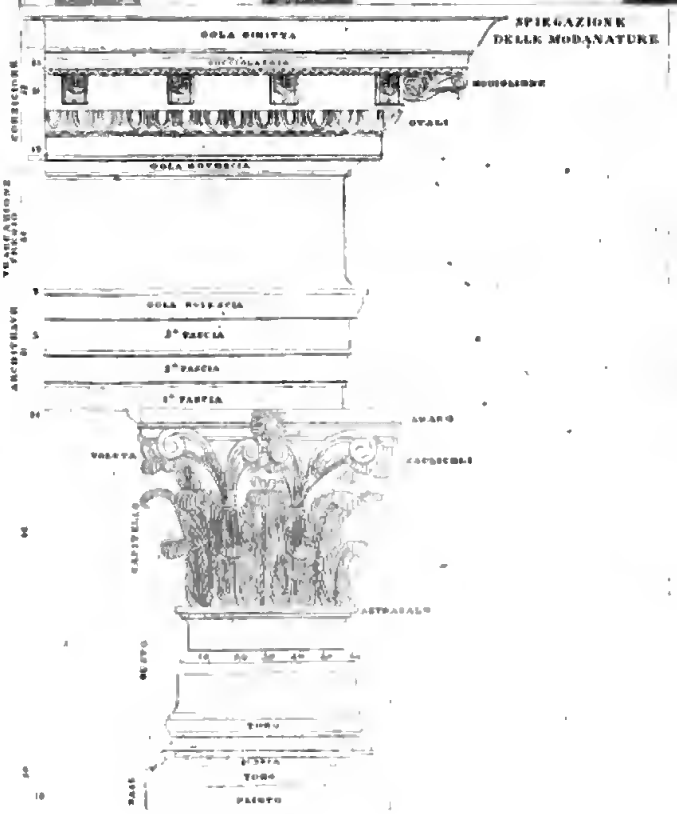
CIMIERI ED ORNAMENTI DELLE DIGNITÀ ECCLESIASTICHE

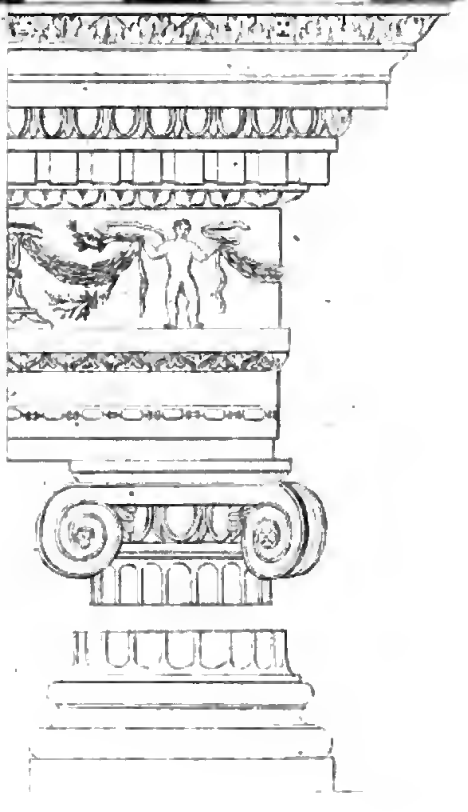
ORNAMENTI DI DIGNITÀ SECOLARI E MILITARI



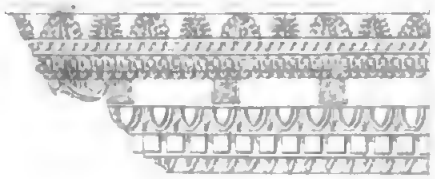
I. CINQUE ORDINI DI ARCHITETTURA

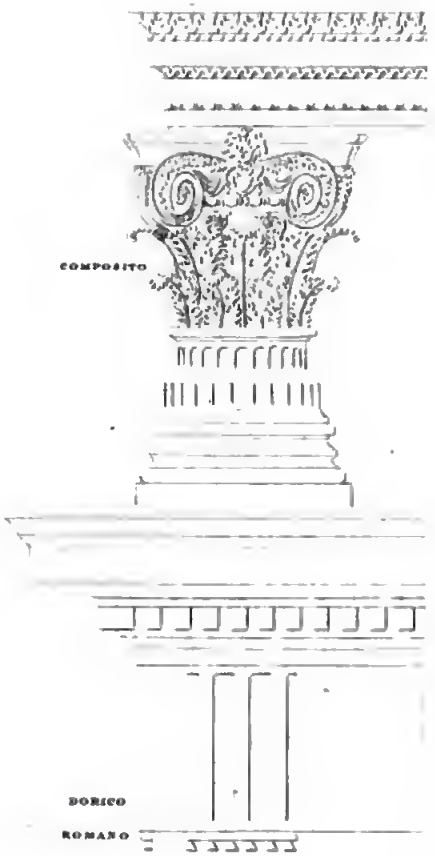


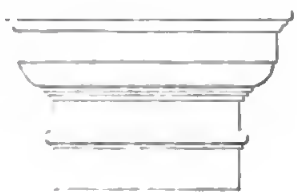




CORINTIO
COMPOSITO
IONICO
DORICO




COMPOSITO
DORICO
ROMANO



OBELISCO A LUXOR

PAGODA CINESE

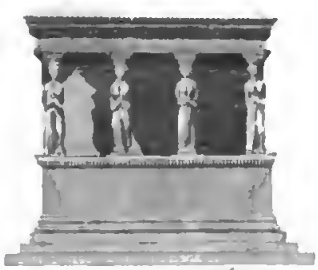
TEMPIO DI ELLORA

PORTICO DEL GRAN TEMPIO A TENTYRA (Dendérah)

PARTENONE DI ATENE RESTAURATO

TEMPIO DI ERETTEO (Atene)

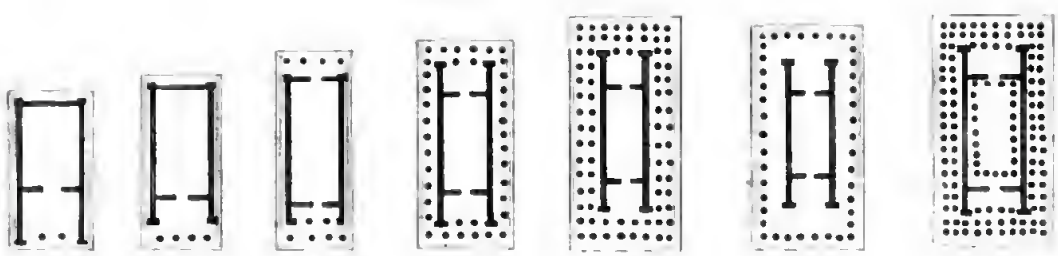
MONUMENTO CORAGICO (Atene)



PORTICO DI CARIATIDI (Atene)

ARCO DI TITO

PIANTE DI TEMPII

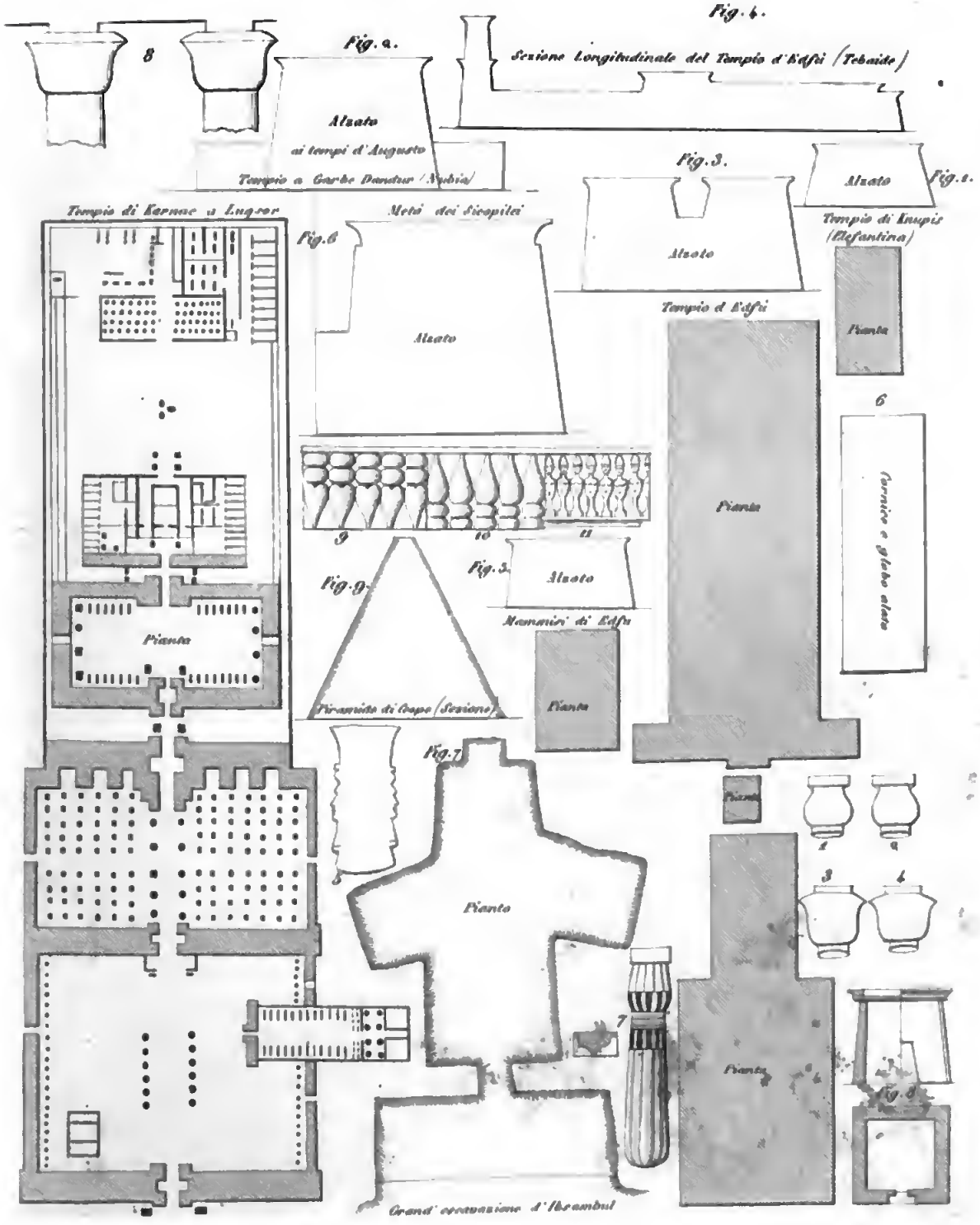


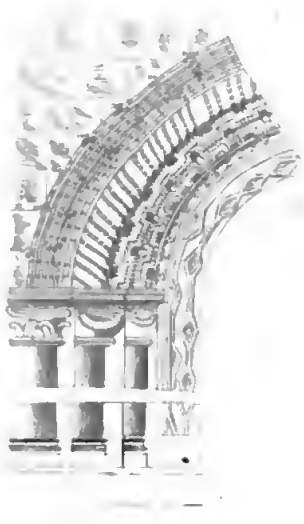
COLLE ANTE PROSTILO ANFIPROSTILO PERIPTERO DIPTERO PSEUDO-DIPTERO IPETRO

Digitized by Google

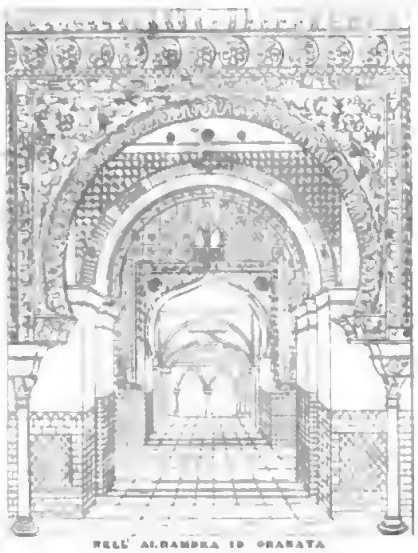
ARCHITETTURA

EGIZIA

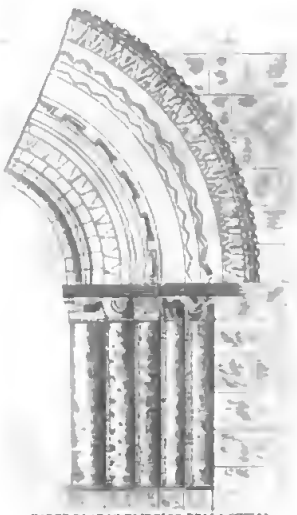




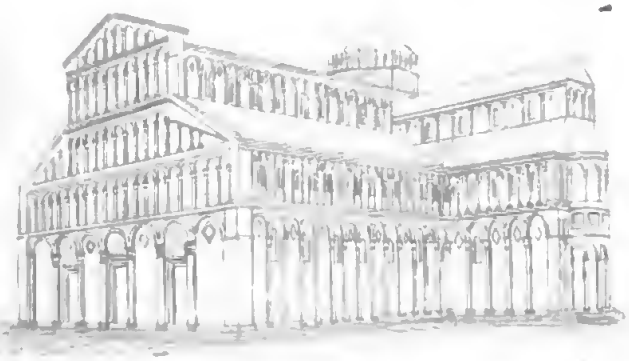
DALLA CATTEDRALE DI DURHAM



NELL' ALHAMBRA DI GRANATA



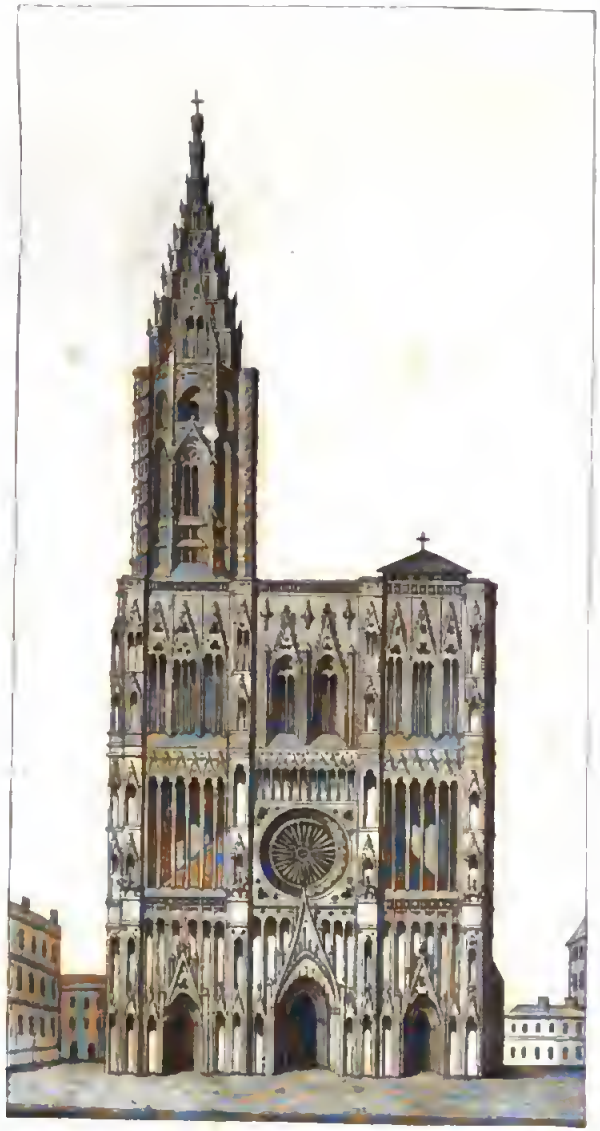
PARTE DI ARCO GOTTICO DELLA CHIESA DI TICKENCOTE IN INGHILTERRA



CATTEDRALE DI PISA

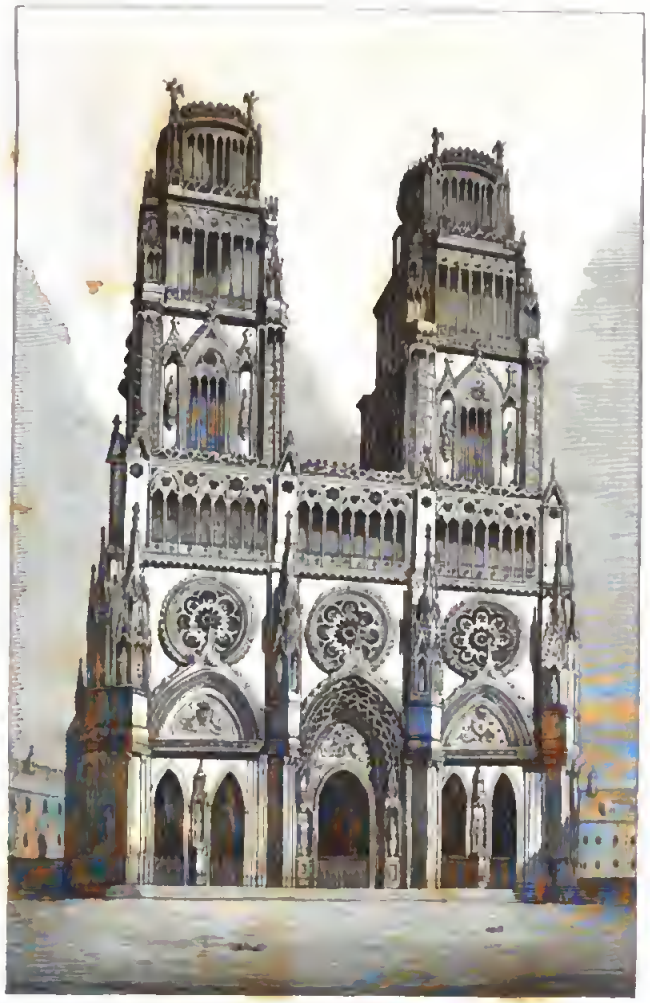
CATTEDRALE DI YORK

Digitized by Google



CATTEDRALE DI STRASBURGO

CATTEDRALE DI S. STEFANO IN VIENNA



CATTEDRALE DI ORLEANS

CATTEDRALE DI PARIGI

Digitized by Google

SAN PAOLO DI LONDRA

CATTEDRALE DI PISA

Digitized by Google

Parte della navata della Cattedrale di Lincoln Inghilterra.

Fig. 1.

Parte del Coro della Cattedrale di Lincoln

Fig. 2

CATTEDRALE DI LINCOLN

CATTEDRALE DI ELY

Digitized by Google

CATTEDRALE DI WELLS

CATTEDRALE DI WINCHESTER

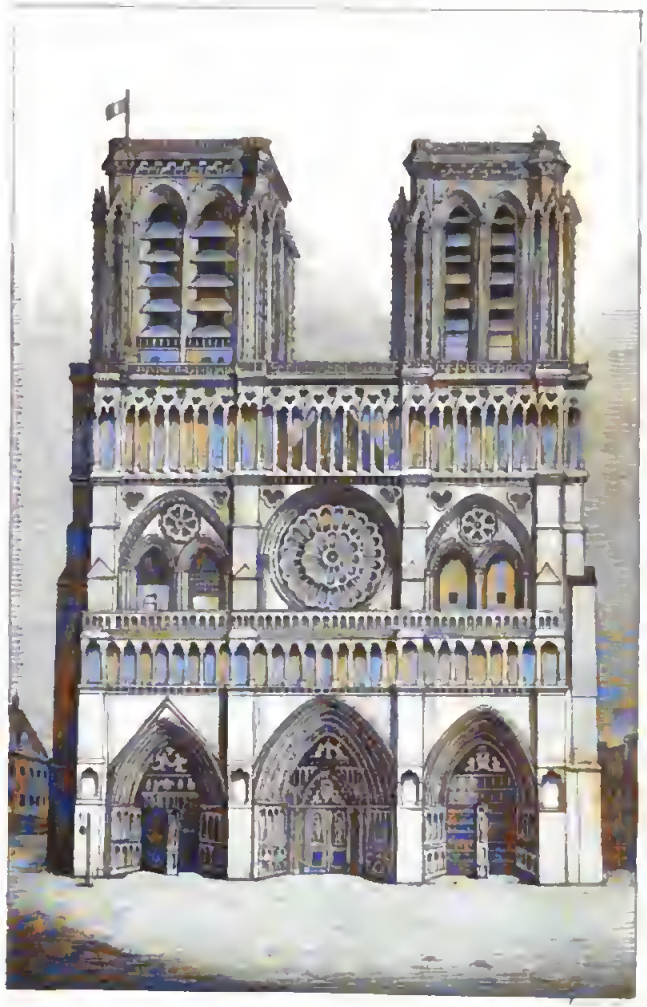
ARCHITETTURA

CATEDRALI

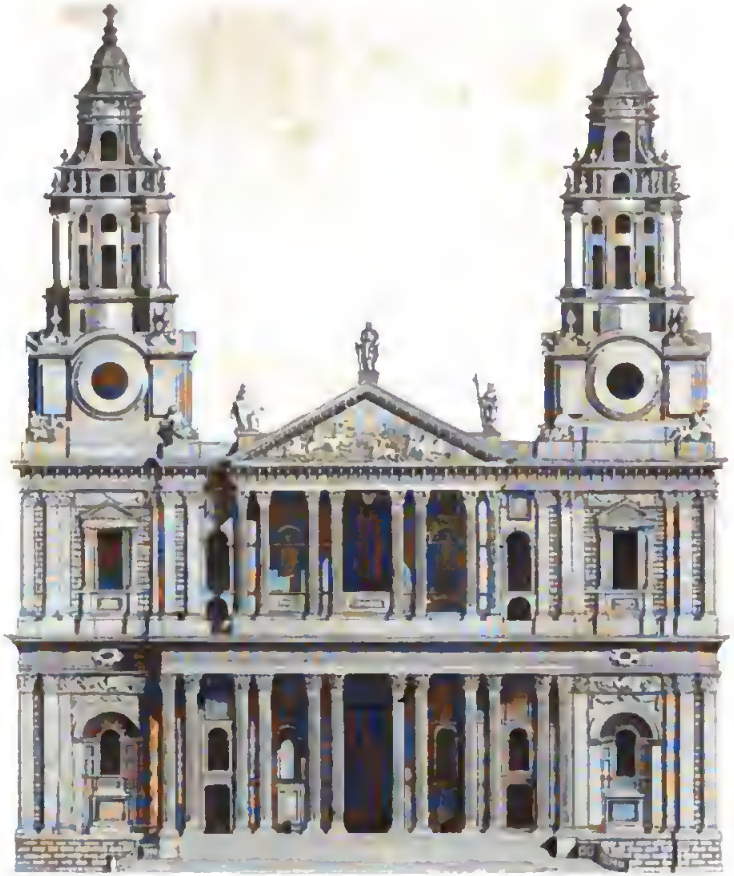
S. Pietro in Roma

S. Marco di Venezia

CATTEDRALE DI ORLEANS



CATTEDRALE DI PARIGI



SAN PAOLO DI LONDRA

CATTEDRALE DI PISA

Parte della navata della Cattedrale di Lincoln (Inghilterra)

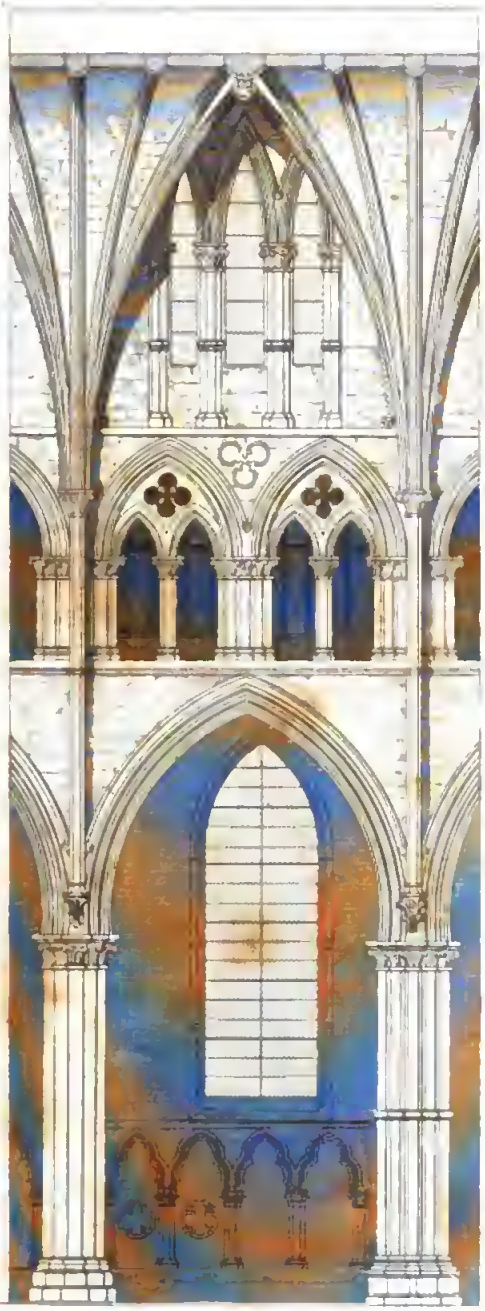


Fig. 1

Parte del Coro della Cattedrale di Lincoln

Fig. 2

Digitized by Google

CATTEDRALE DI LINCOLN

CATTEDRALE DI ELY

CATTEDRALE DI WELLS

CATTEDRALE DI WINCHESTER

Digitized by Google

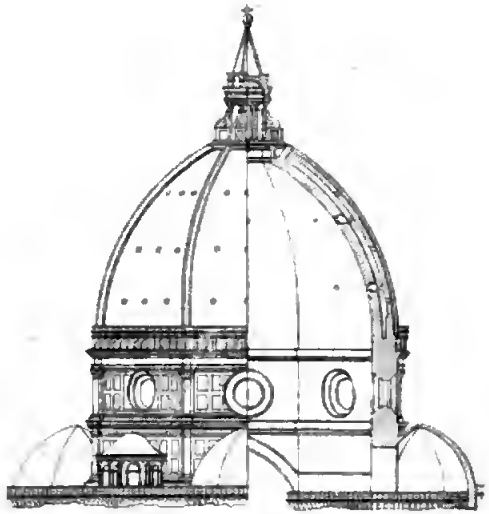
ARCHITETTURA

CATEDRALI

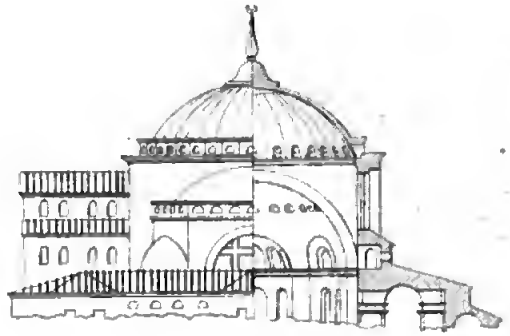
S. Pietro in Roma

S. Marco di Venezia

S. Paolo di Londra

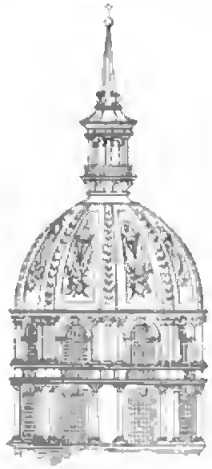


S. Maria del Fiore di Firenze



S. Sofia di Costantinopoli

S. Pietro di Roma



degl'Invalidi
a Parigi

Pantheon di Parigi

Duomo di Milano

Fig 1

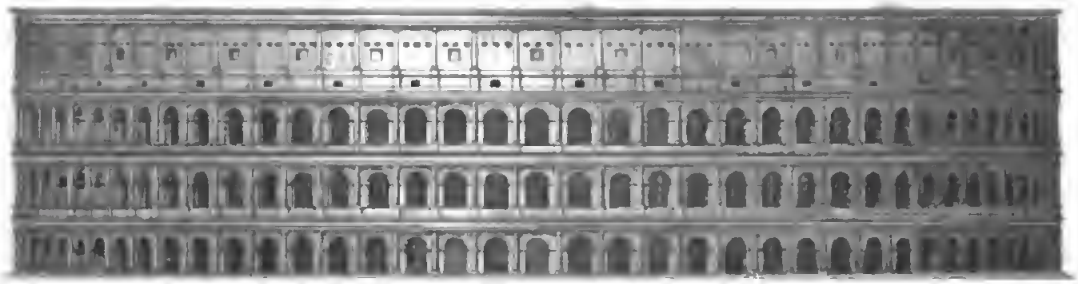


Fig 2

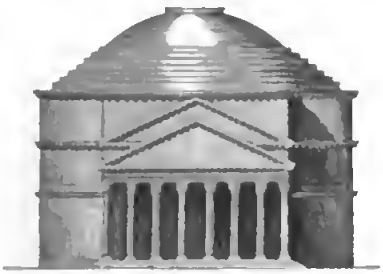


Fig 3

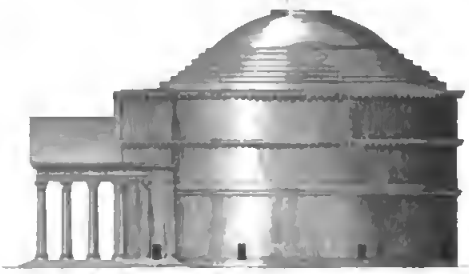


Fig 4

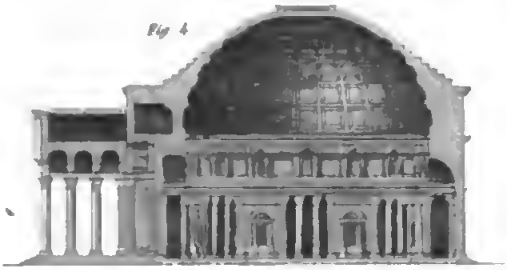


Fig 5.

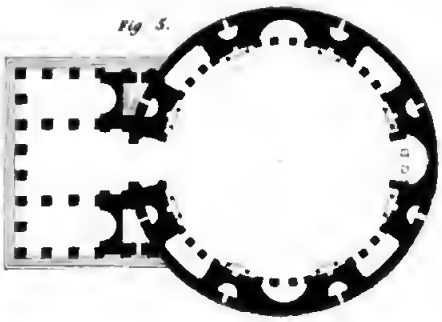


Fig 6

Fig. 7

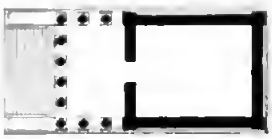


Fig 8

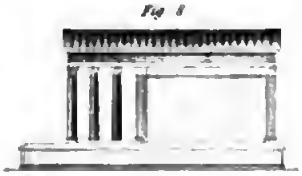


Fig 9

Fig 10.

Fig 11

Fig 12

Digitized by Google

Arco di Costantino a Roma

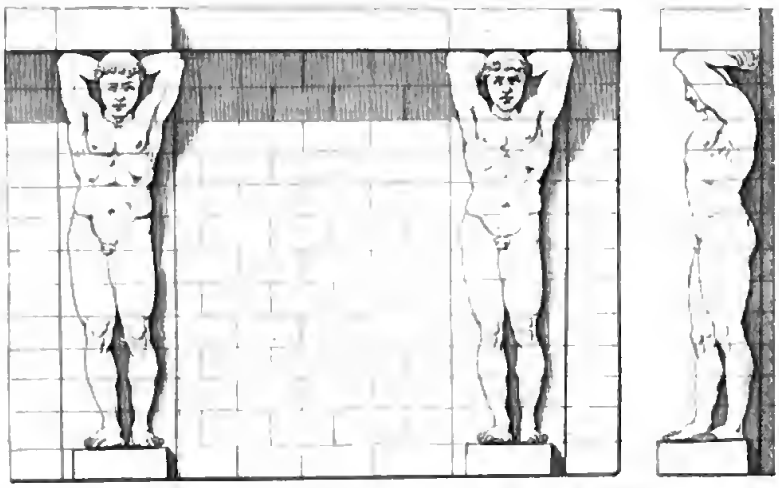
Arco di Settimio Severo a Roma

Arco dell' Etoile a Parigi

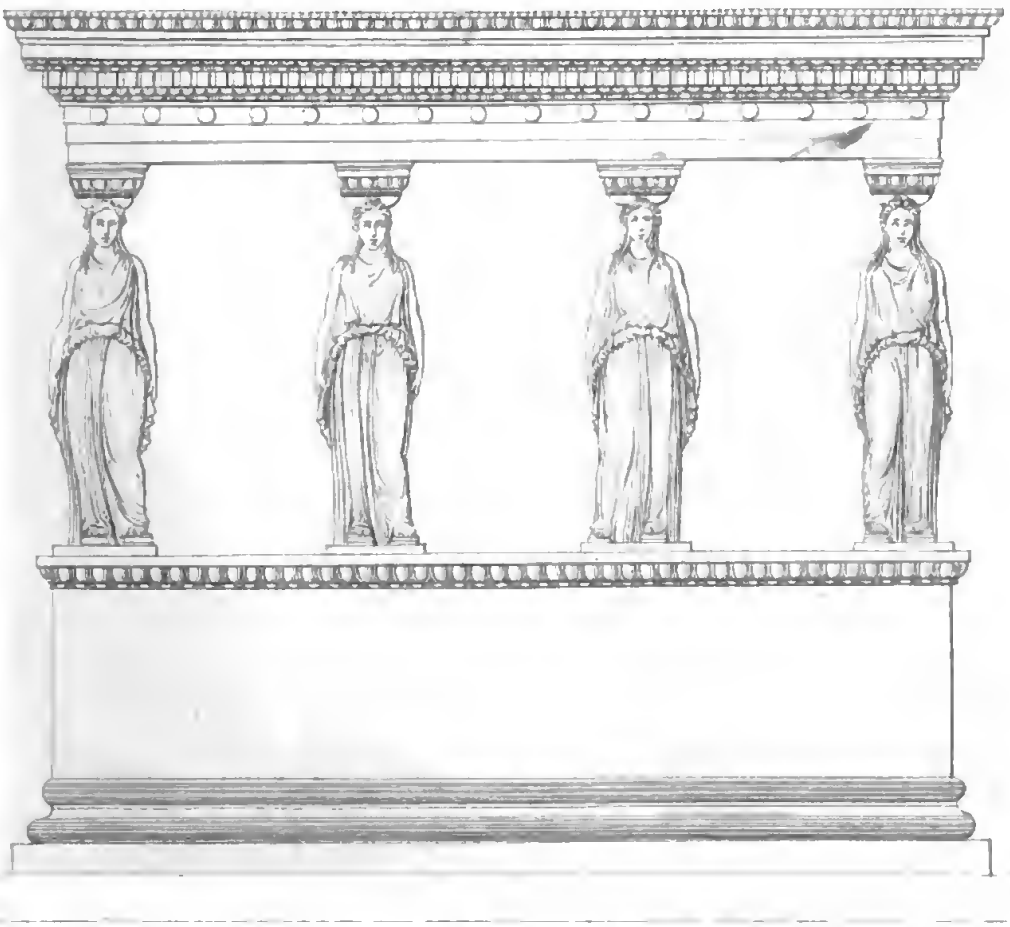
Arco della Pace a Milano

CARIATIDI

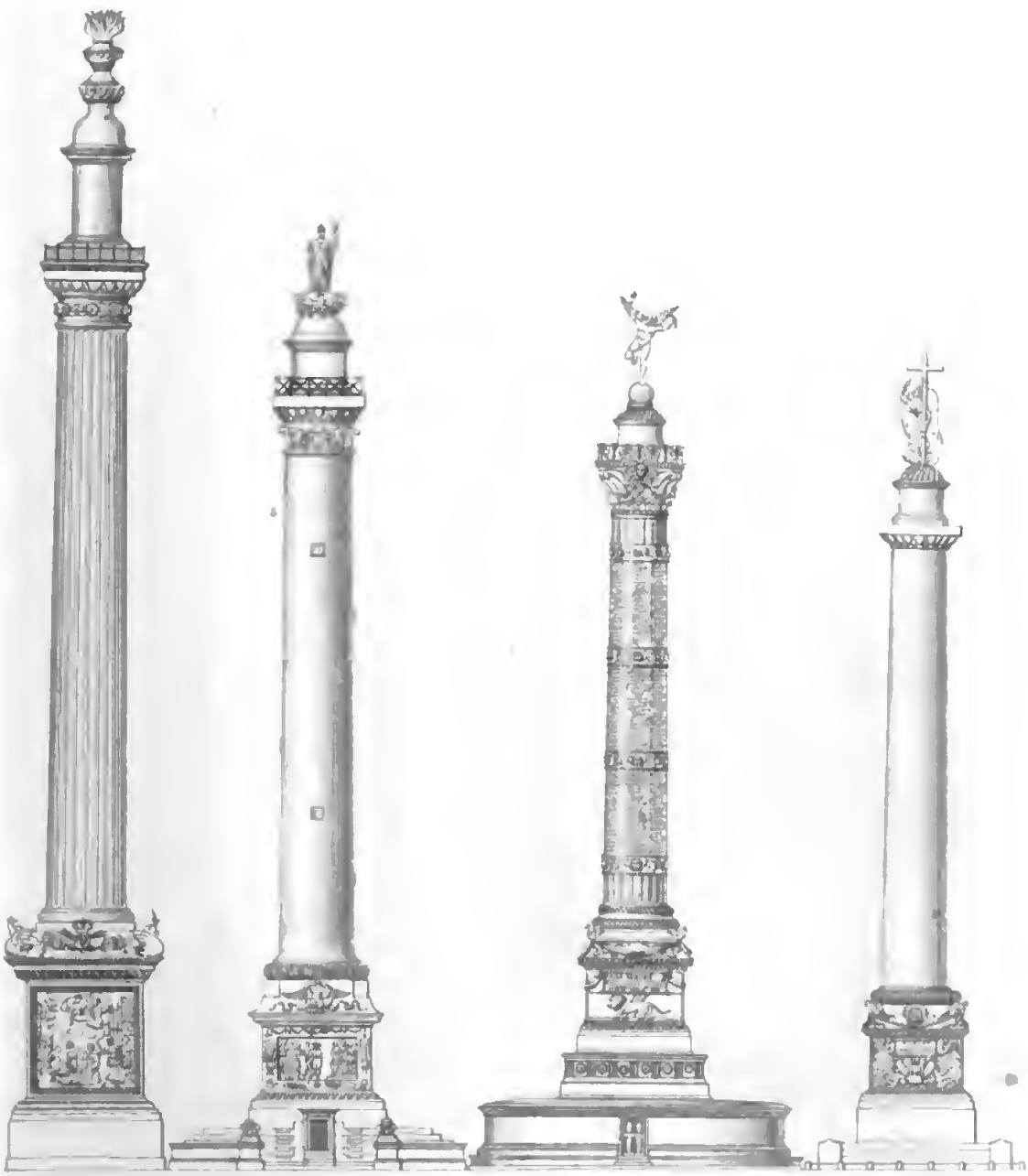
Decorazione interna

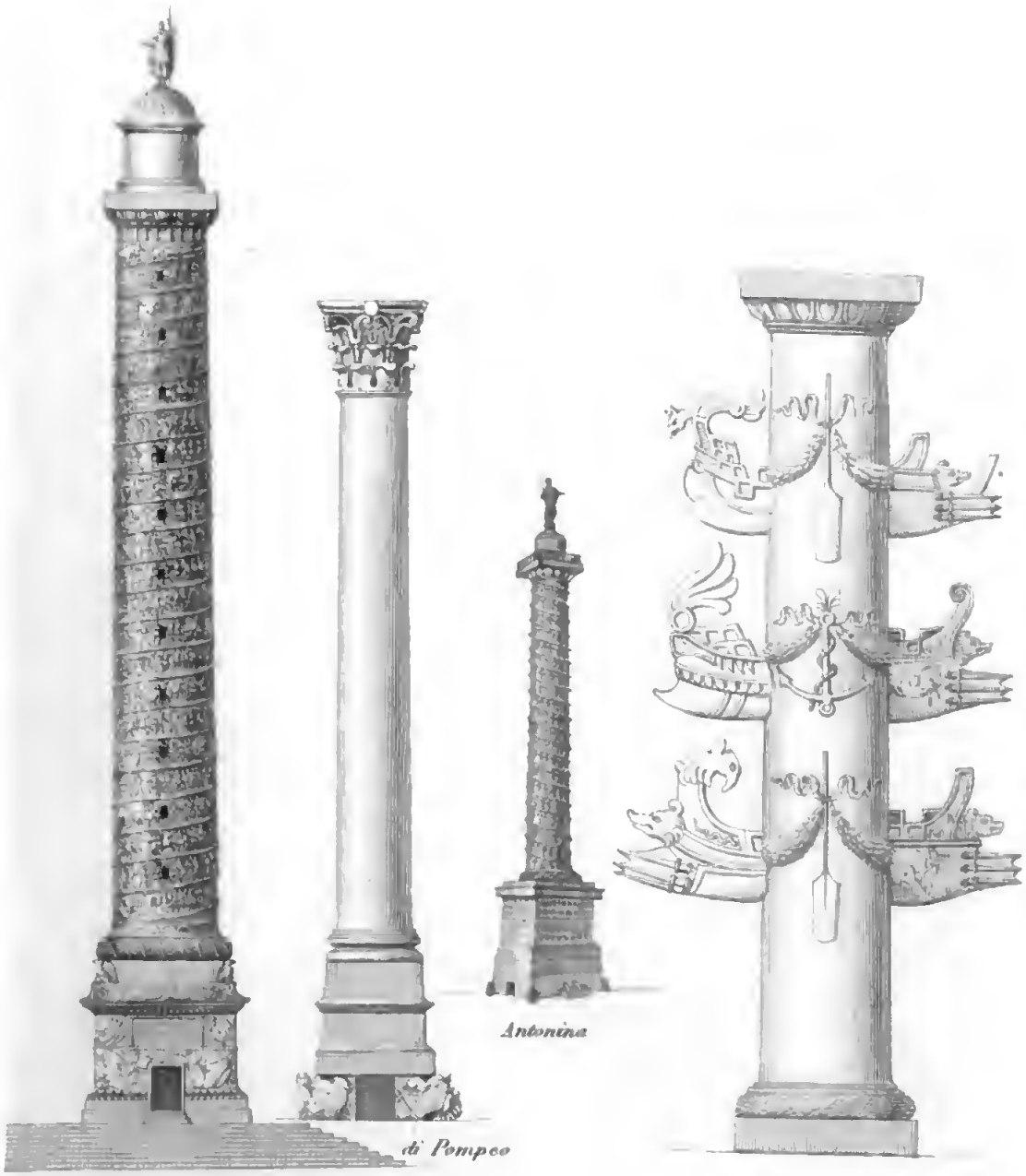


NEL TEMPIO DI GIOVE OLIMPICO IN AORIGENTO



NEL TEMPIO DI MINERVA POLIADE ERETTEO E PANDROSO IN ATENE


Monumento
di Londra
di Boulogne
di Luglio a Parigi
Alessandrino
di Pietroburgo



Trajana

di Pompeo

Antonina

Duilia o Rostrata

Digitized by Google

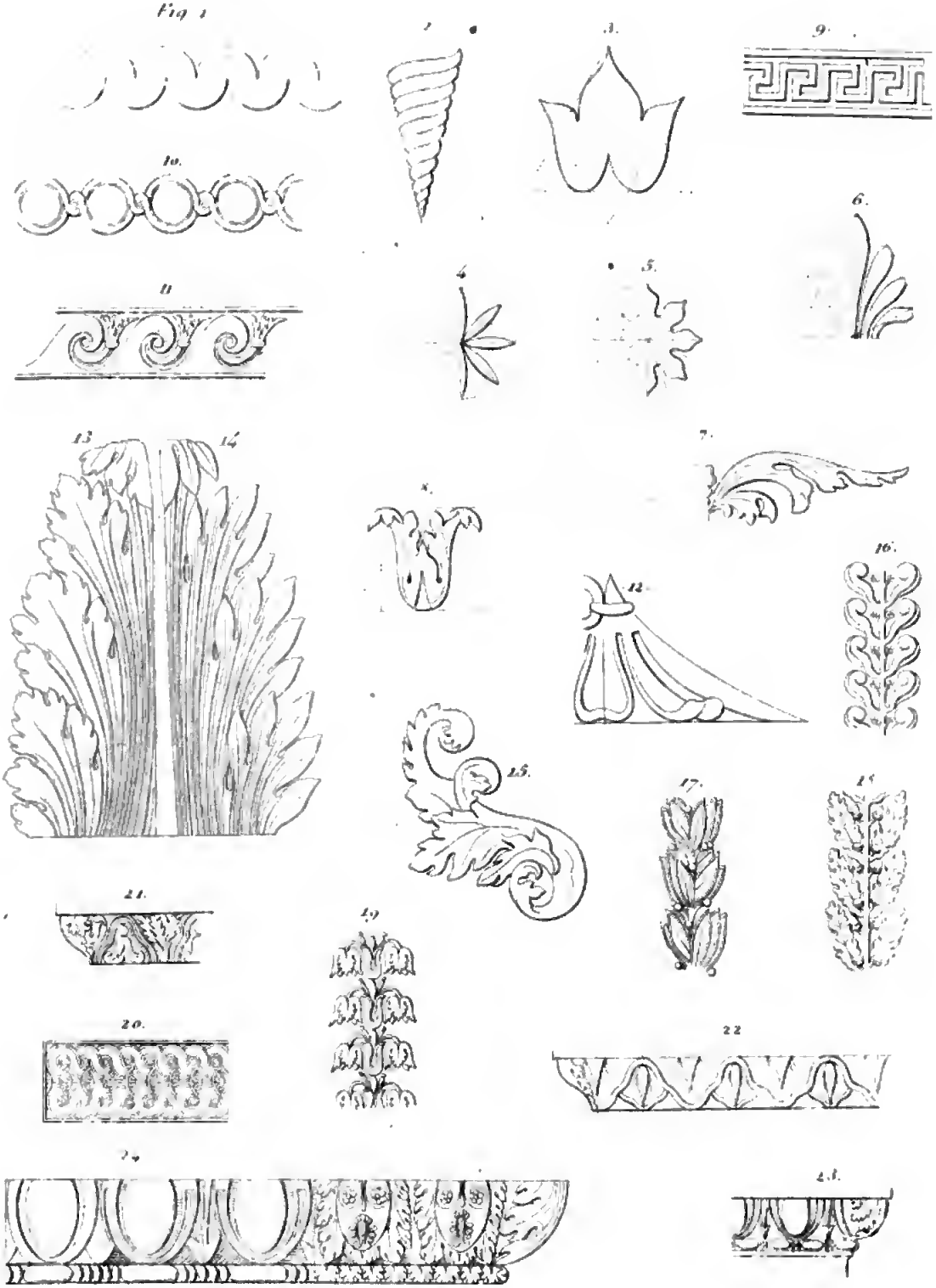
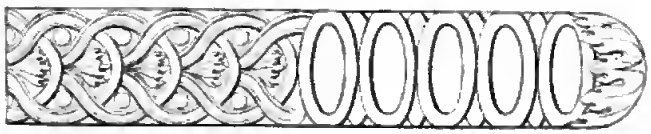


Fig. 1
2.
3.
9.
10.
6.
11
4.
5.
13.
14.
7.
8.
16.
12.
15.
17.
18.
21.
19.
20.
22
24.
23.

ARCHITETTURA

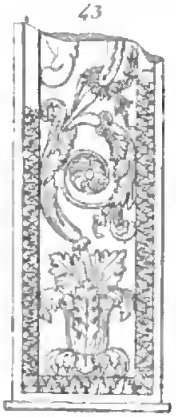
ORNATO

Fig 25.



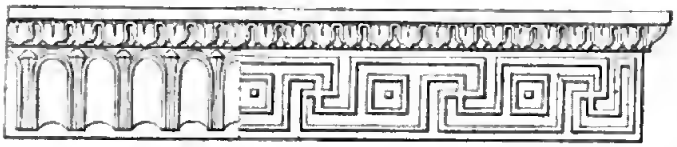
29.

43



30

27.



31

34

35

25

36

32.

38.

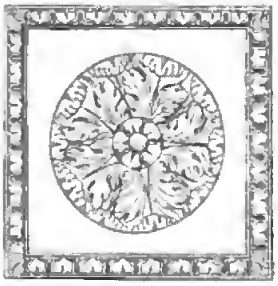
33.

26

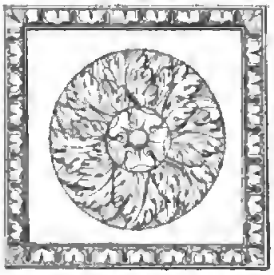
39

37.

40



41.



42

44

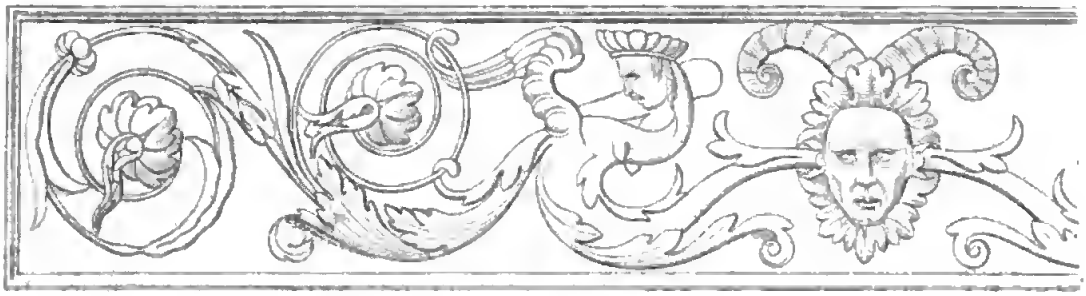


Fig.° 1.

Profilo di antico ristauro di difesa del litorale di Malamocco

Fig.° 2.

Fig.° 3.

Fig.° 4.

Fig.° 5.

I Murazzi o S. S. di S. Andrea
e muraxxi o digbe di Pelestrina

Fig.° 6.

Profilo del nuovo ristauro della digba di Malamocco

Fig.° 7.

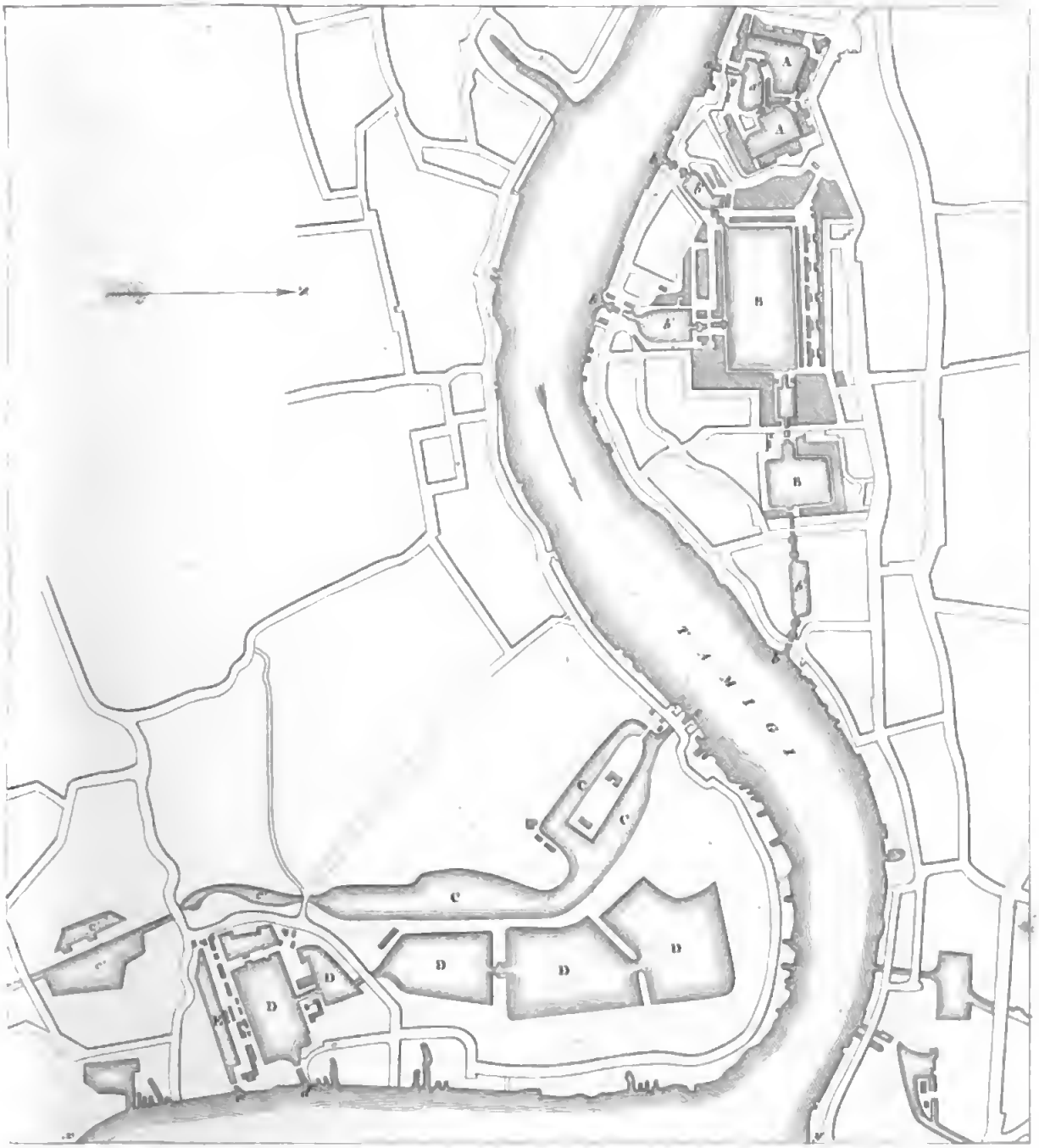
Profilo del nuovo ristauro della digba di Pelestrina e di Chioggia

Scala metrica

ARCHITETTURA IDRAULICA

DOCKS DI LONDRA

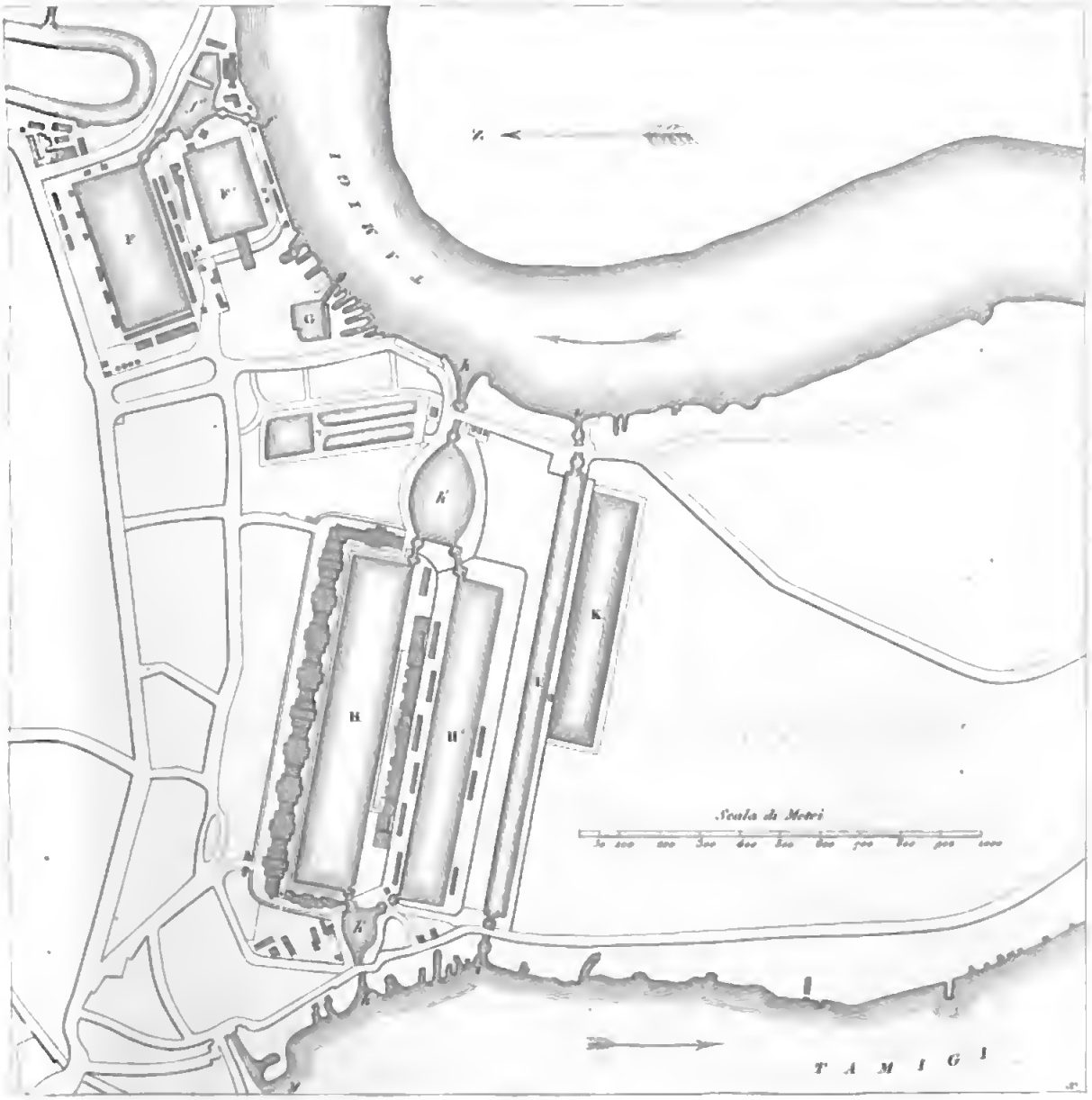
dalla Torre a ponente sino a Blackwall a levante.


A
A
B
B
A
A
T A M I G I
C
C
C
C
C
C
D
D
D

ARCHITETTURA IDRAULICA

DOCKS DI LONDRA

(Continuazione della TAV. XXV (N) sulla linea x y)



F.F' *Docks delle Indie Orientali*
F. *Dock delle importazioni*
F' *Dock delle esportazioni*
f *Ingresso*
f' *Bacino*
G *Vecchio Dock*
g *Ingresso*

H.H' *Docks delle Indie Occidentali*
H. *Dock delle importazioni*
H' *Dock delle esportazioni*
h.h *Ingressi — h' h' Bacini*
I. *Dock Meridionale*
i.i *Ingressi*
K. *Bacino pel legname da costruzione*

N B. Tutti gli edifizi tratteggiati sono magazzini e dipendenze

Digitized by Google

Fig. 4

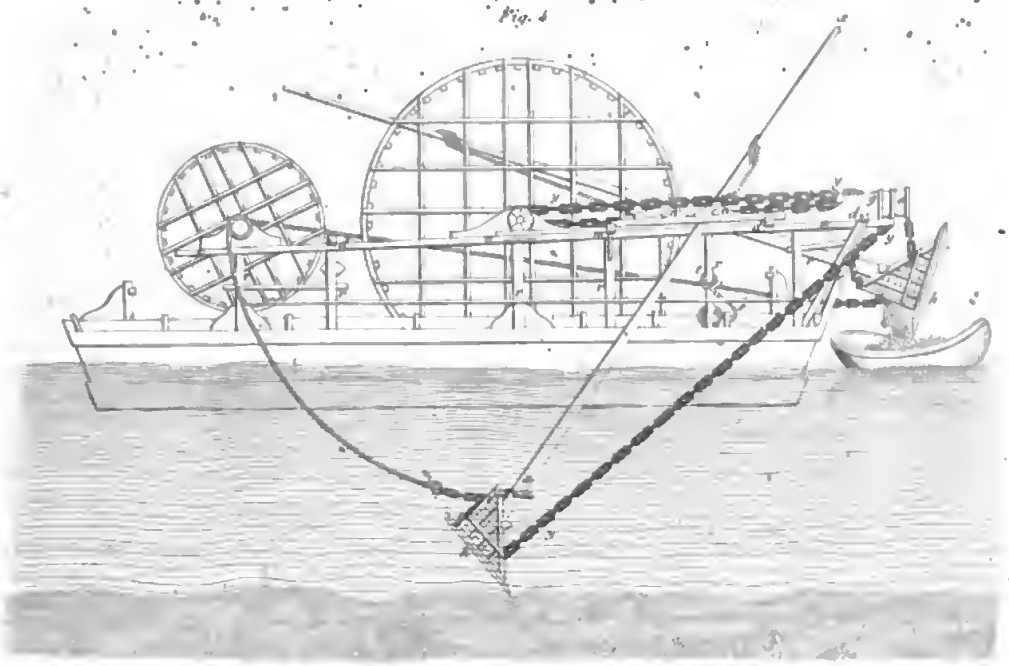


Fig. 2.

Fig. 3.

Fig. 1.

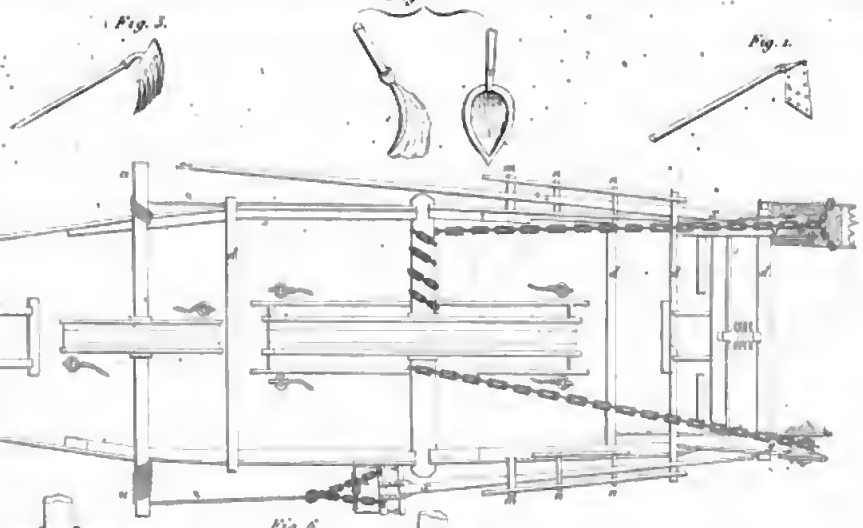
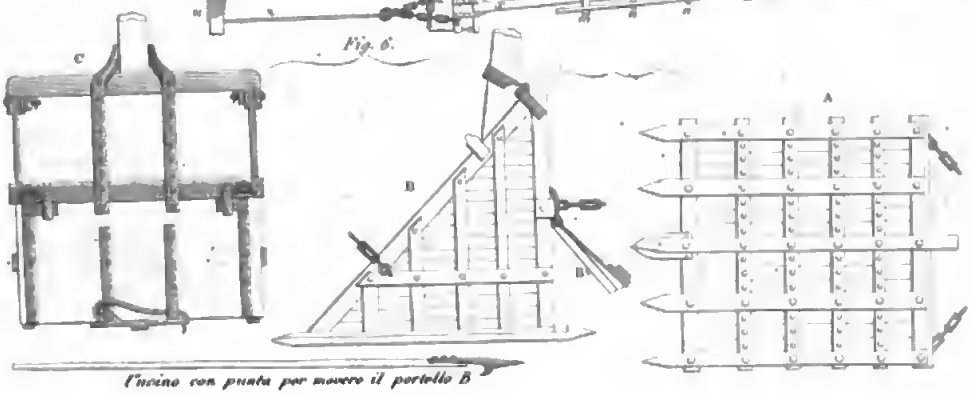
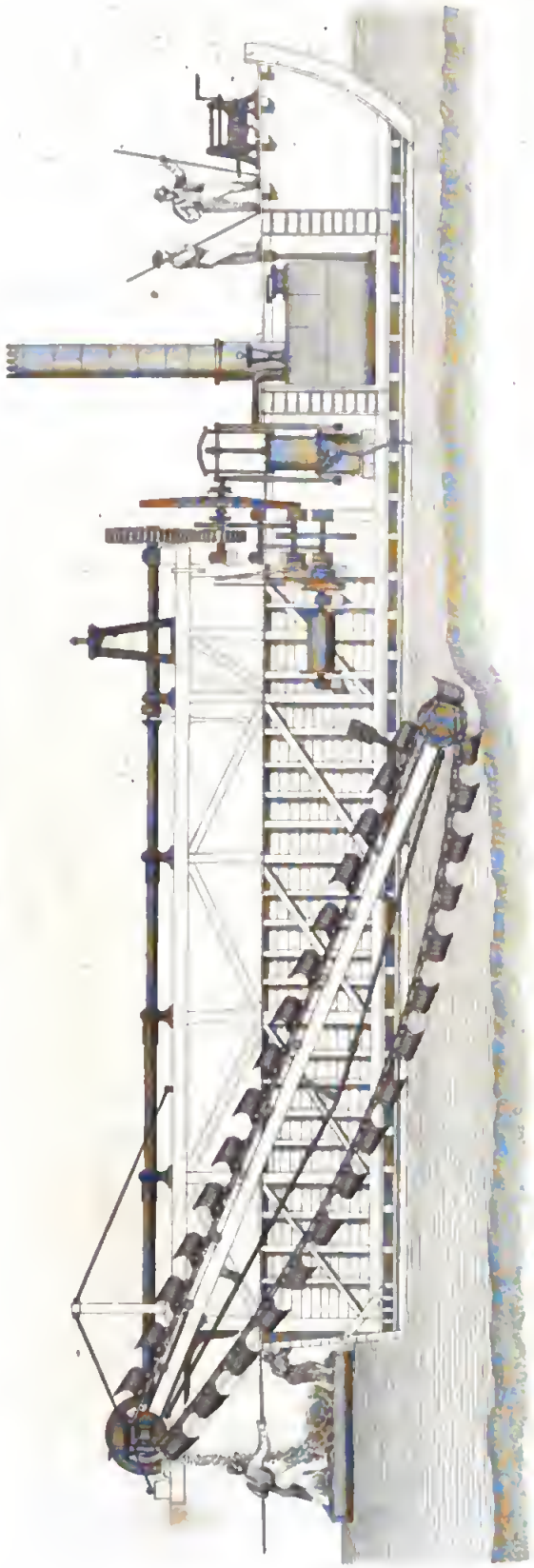


Fig. 5.

Fig. 6.



Uncino con punta per muovere il portello B



Sezione del ricaporti a gerli

Pianta del pontone e della macchina

Fig.ª 3.

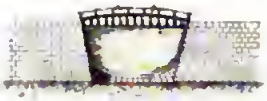


Fig.ª 4.

Fig.ª 5.

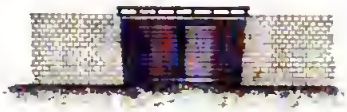


Fig.ª 2.

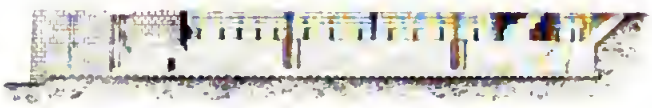


Fig.ª 6.

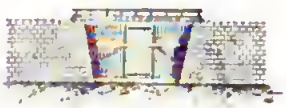


Fig.ª 1.

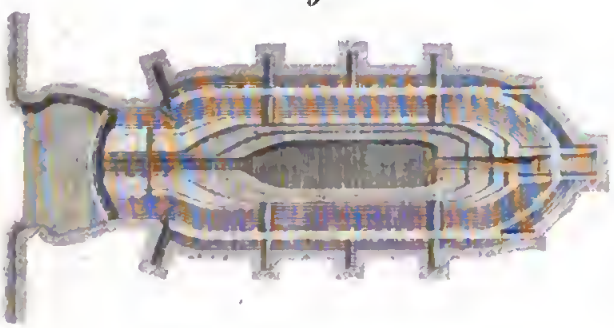


Fig.ª 7.

Fig.ª 8.

Fig.ª 1. e 2. Pianta e sezione longitudinale di una forma
Fig.ª 3 e 4. Pianta e alzata dell'ingresso di una forma con cateratta galleggiante
Fig.ª 5. Alzata dell'ingresso di una forma con grandi portoni
Fig.ª 6. e 7 Pianta e alzata dell'ingresso di una forma con cateratta a sportello
Fig.ª 8. Pianta della forma di Sevastopoli

Fig. 1.

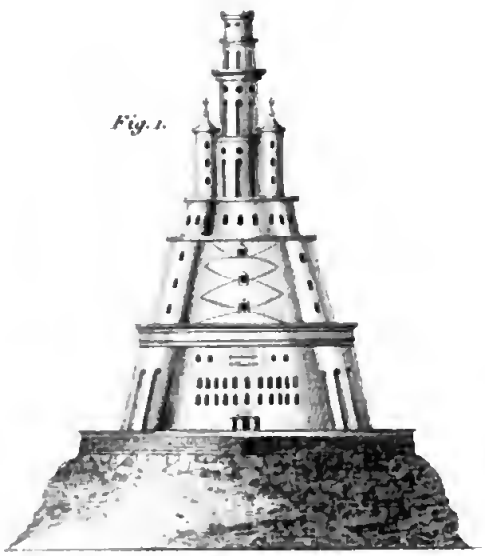


Fig. 2.

Fig. 4.

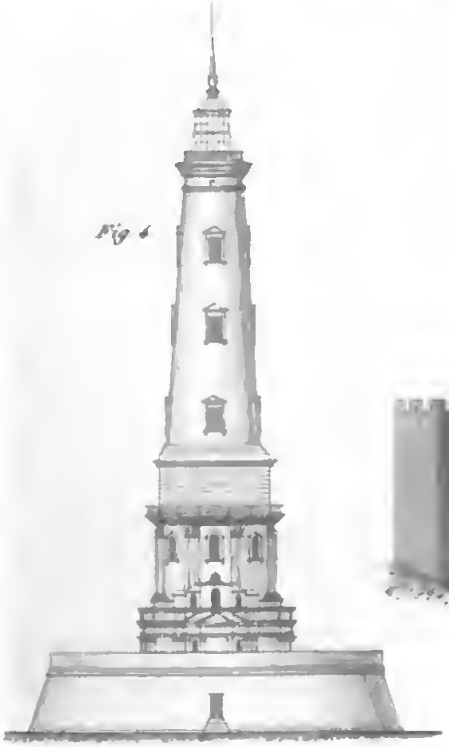
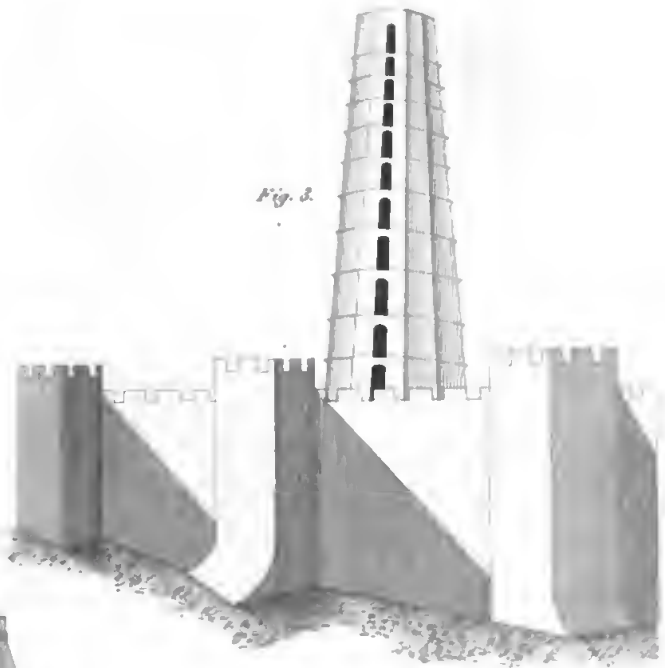


Fig. 3.



Digitized by Google

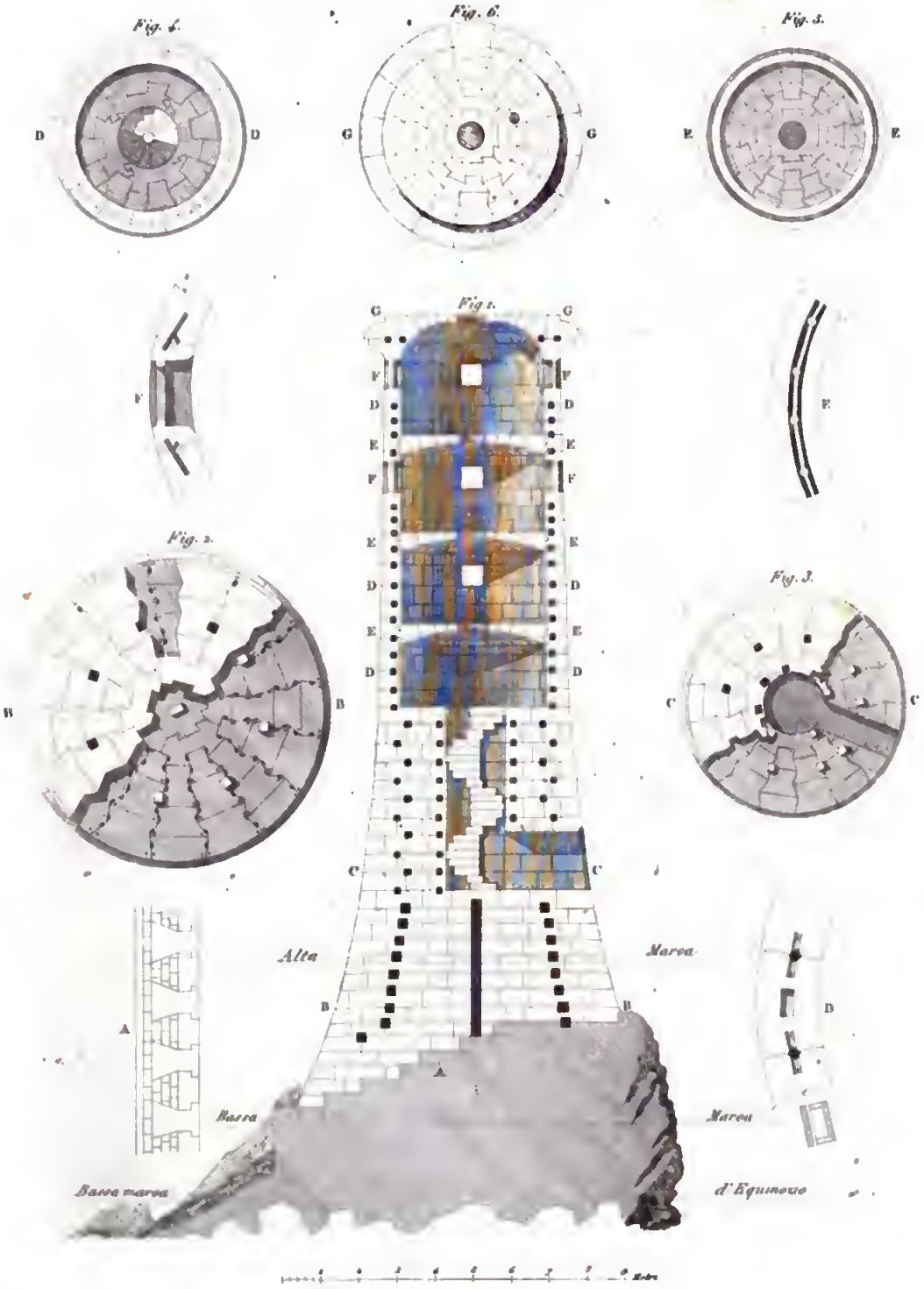
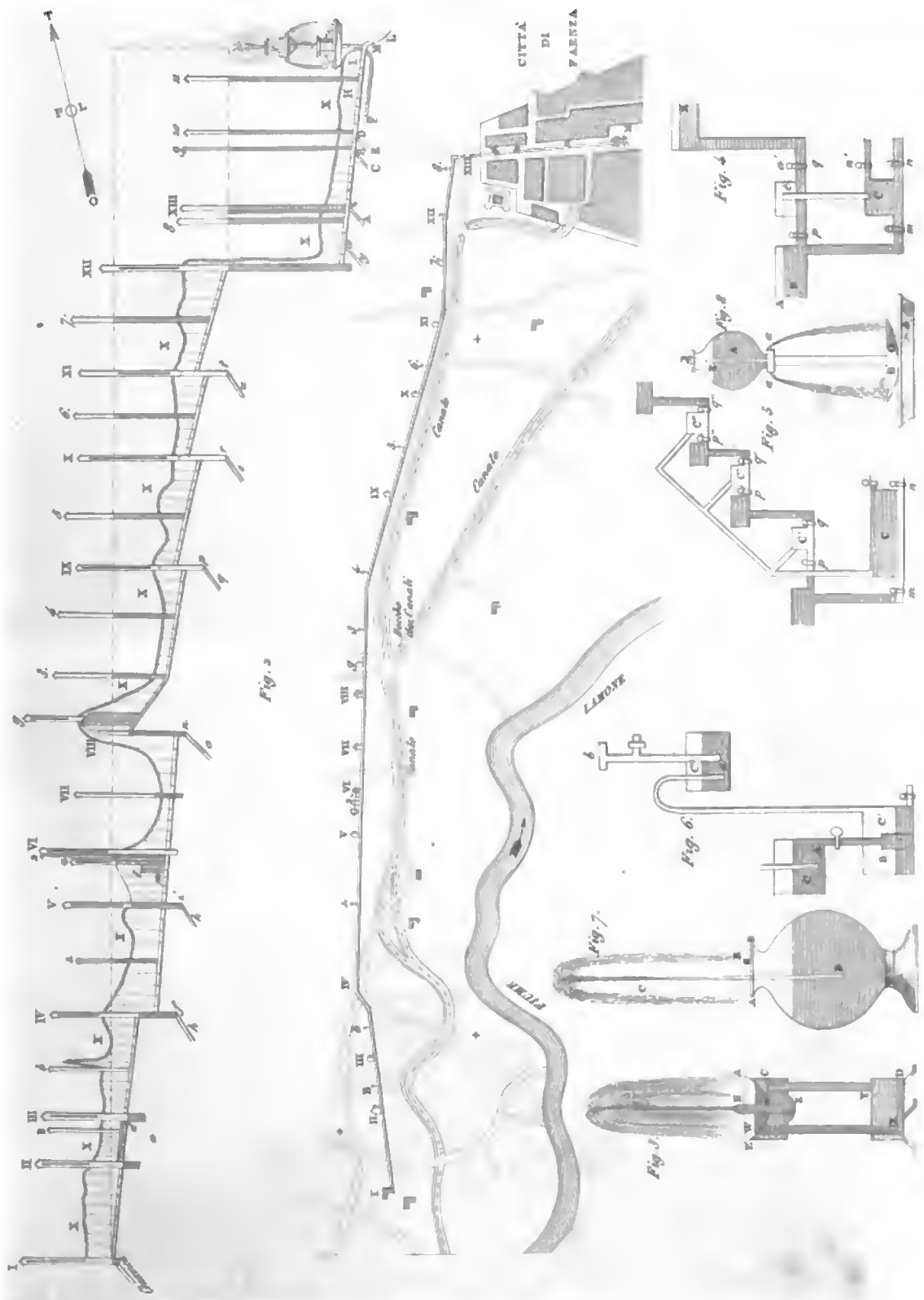
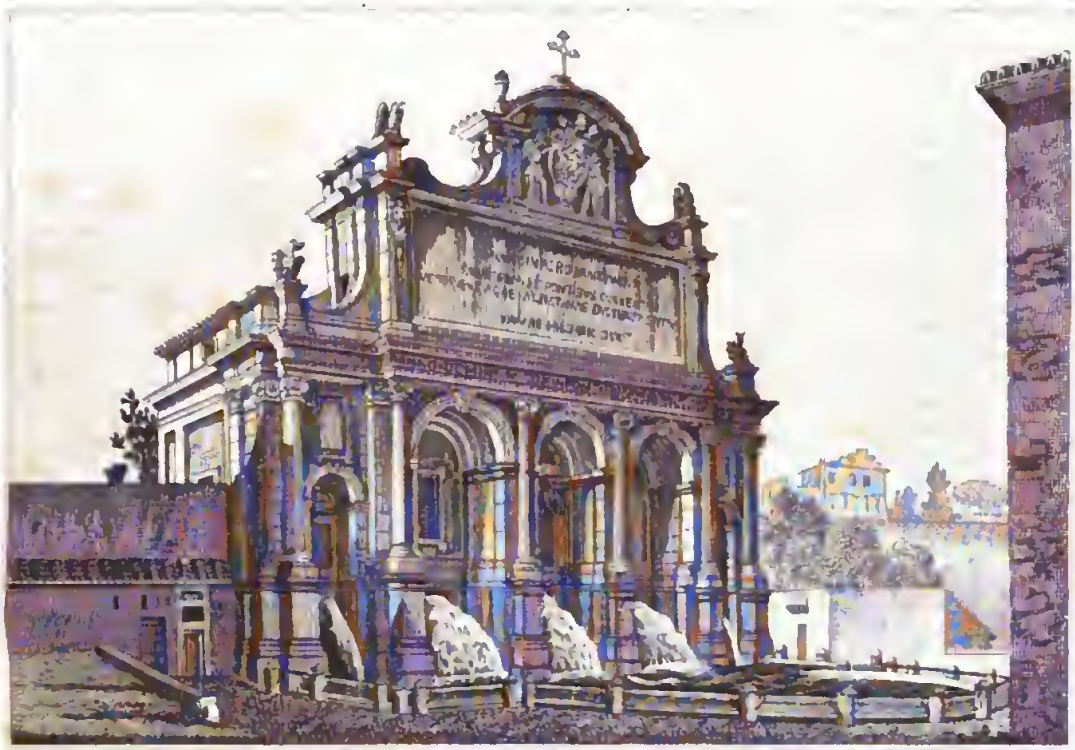


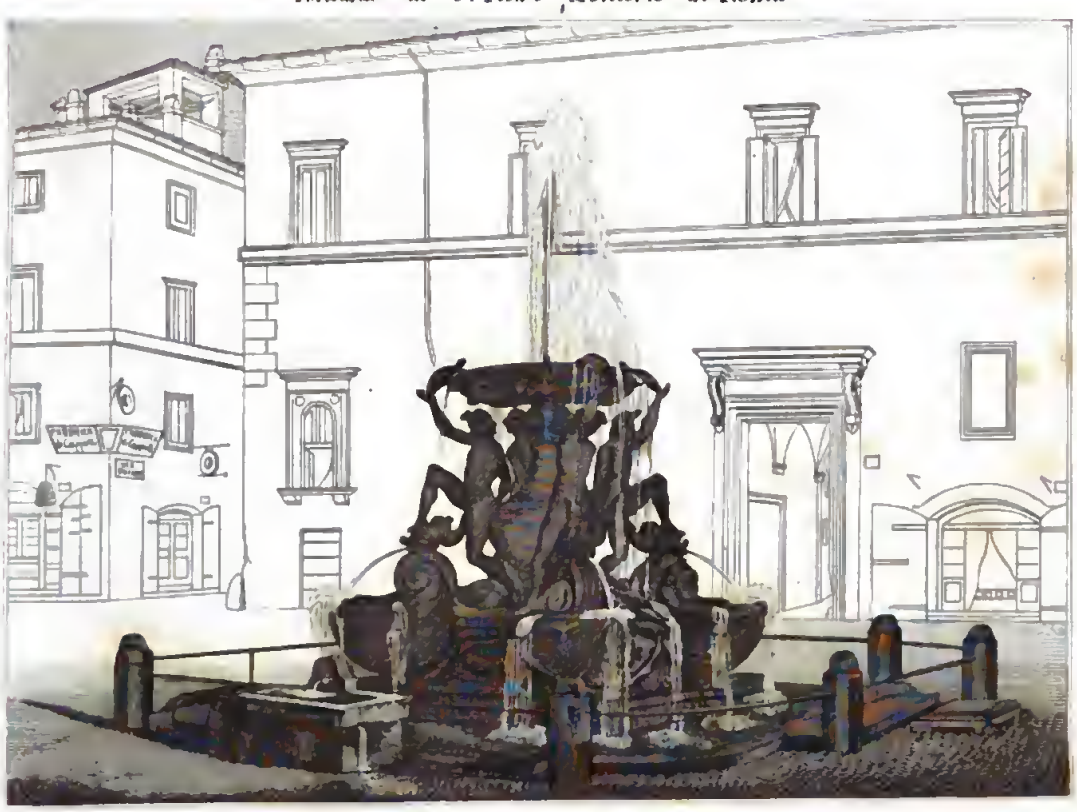
Fig. 4.
Fig. 6.
Fig. 5.
Fig. 1.
Fig. 2.
Fig. 3.
Alta
Marea
Bassa
Marea
Bassa marea
d'Equinozio

FONTANE





Fontana di S. Pietro Montorio in Roma



Fontana delle Tartarughe in Roma

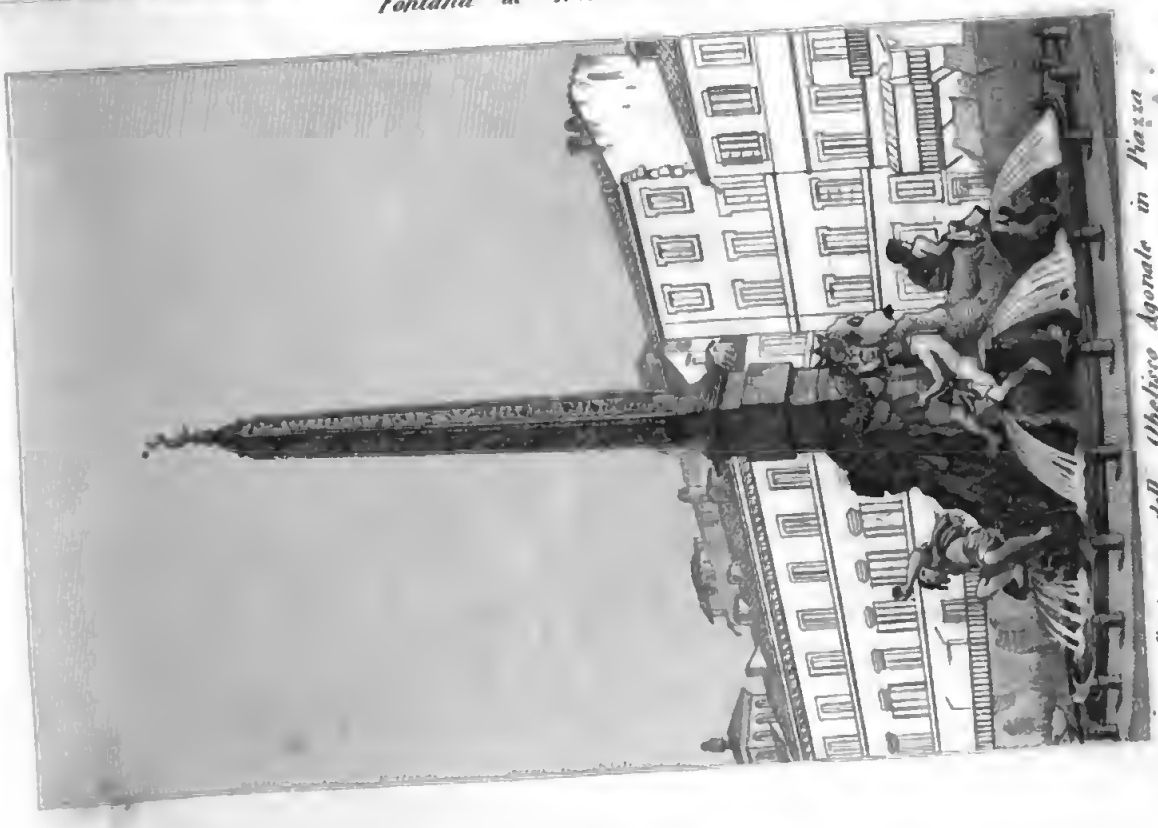
Digitized by Google

Digitized by Google

ARCHITETTURA IDRAULICA

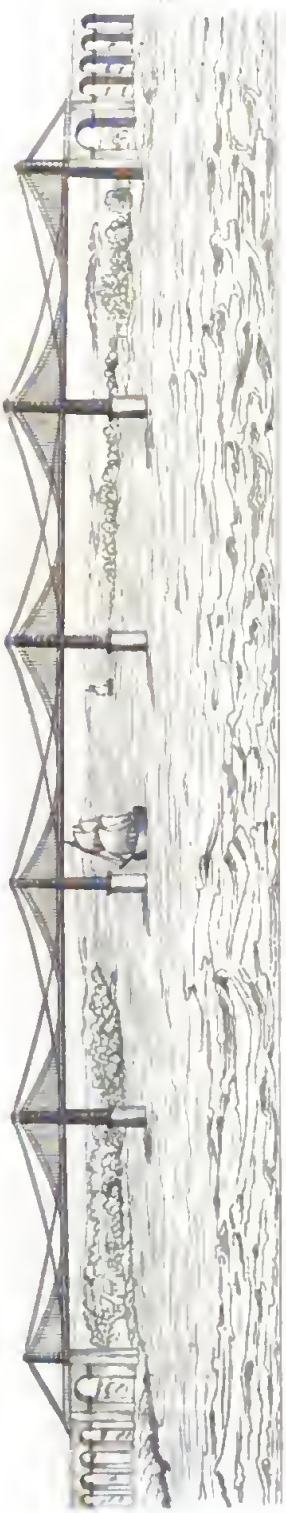
FONTANE

Fontana di Trevi in Roma



Fontana dell Obelisco Agonale in Piazza Navona in Roma

PONTI



Ponte di ferro a Culoss

Ponte Dean ad Edimburgo

Ponte di Waterloo a Londra

Ponte nuovo a Londra

Digitized by Google

Fig. 1.

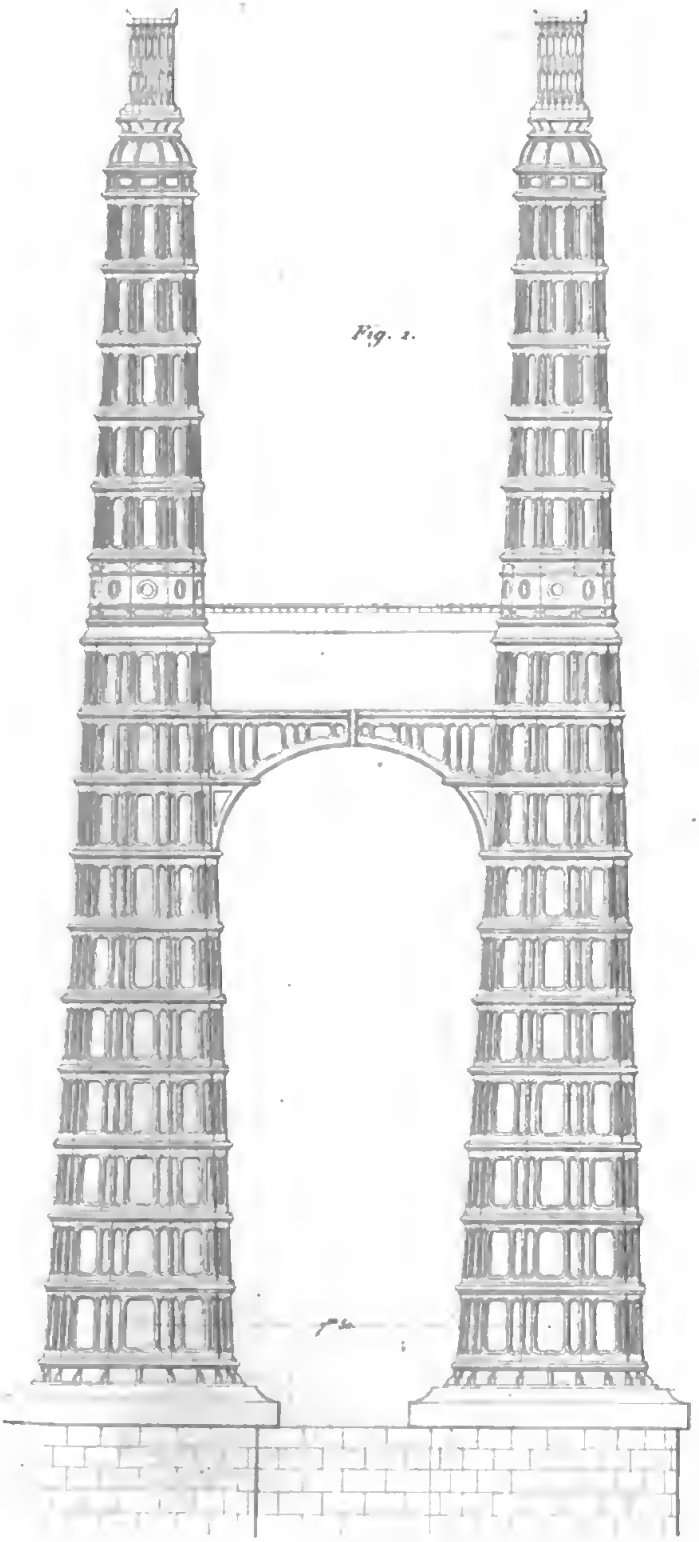
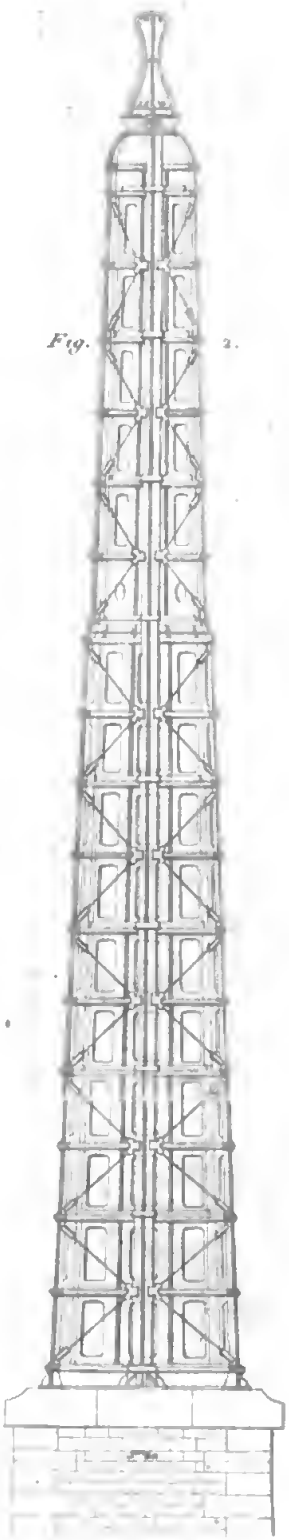


Fig. 2.

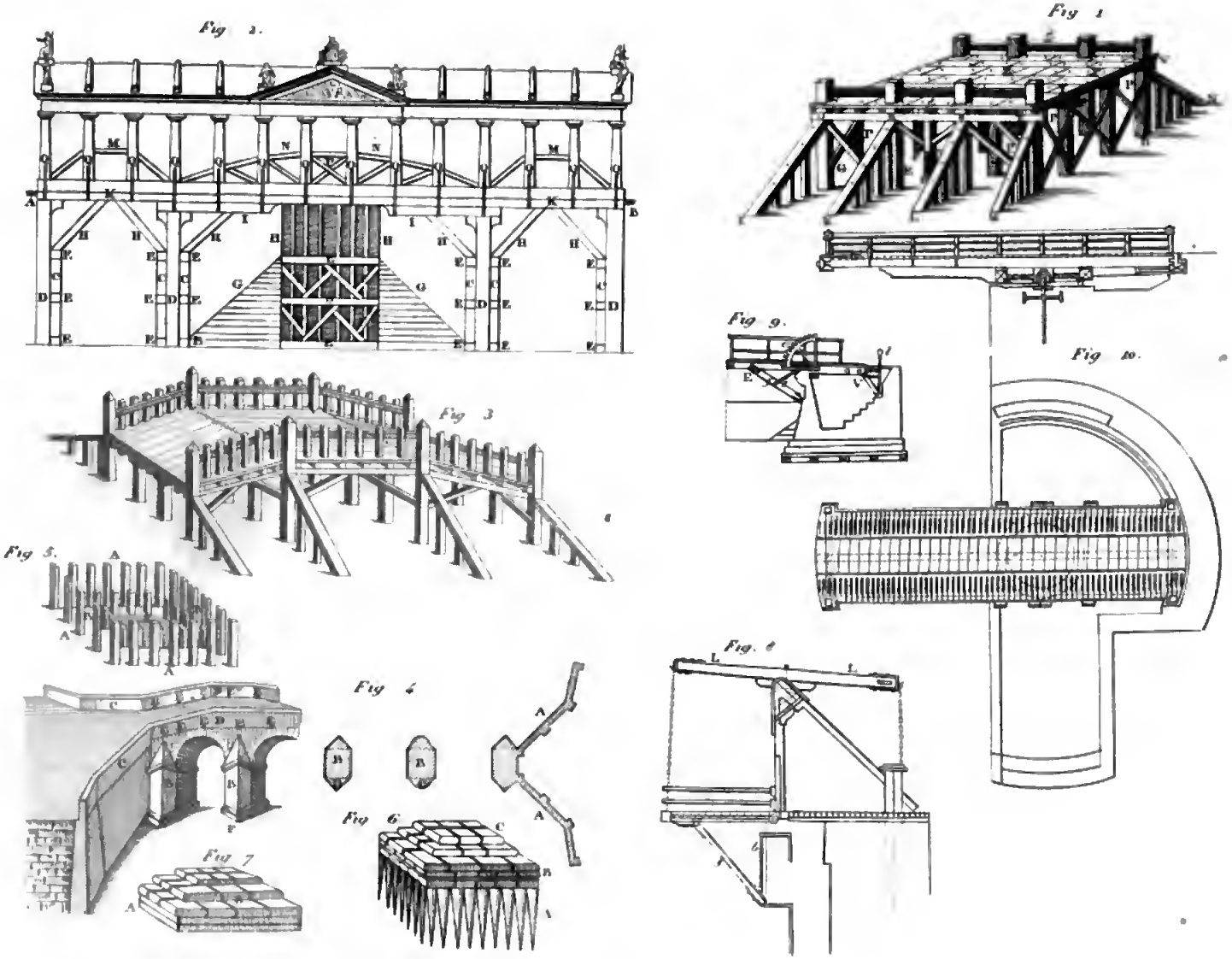


Pile del Ponte di ferro a Cubzac

Scala di [illegible]

ARCHITETTURA IDRAULICA

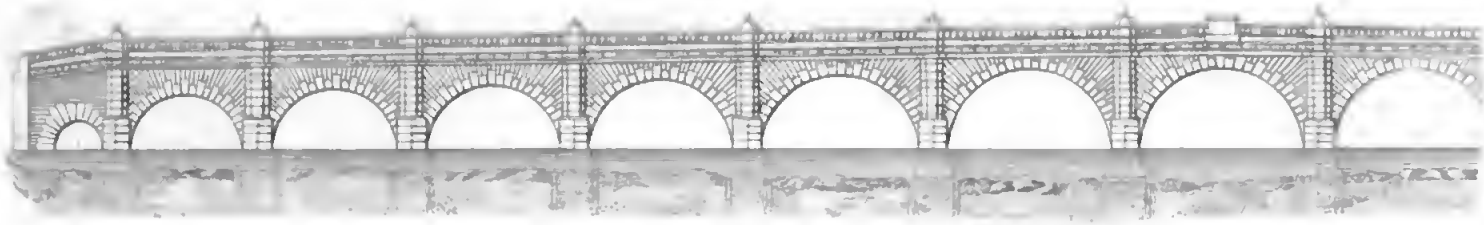
PONTI



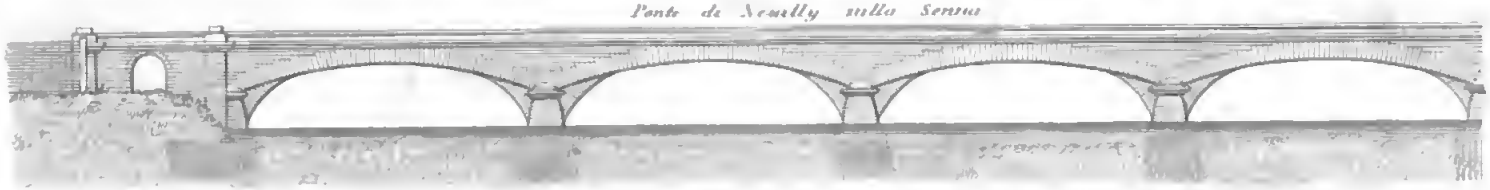
Digitized by Google

PONTI

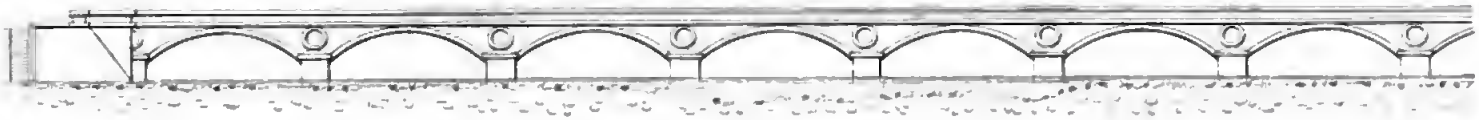
Ponte di Westminster



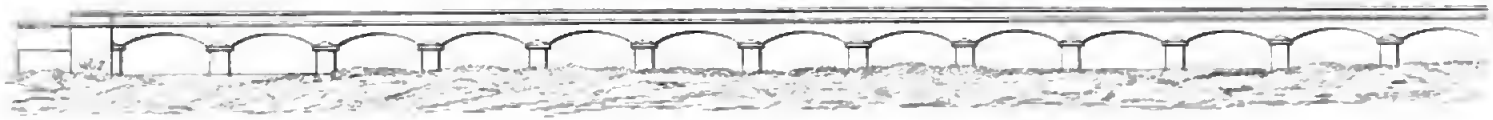
Ponte di Neuilly sulla Senna



Ponte sul Taro presso Parma



Ponte sulla Trebbia presso Piacenza



Ponte di Buffalora

Ponte di Rimini sulla Marecchia

Ponte di Pora a Torino

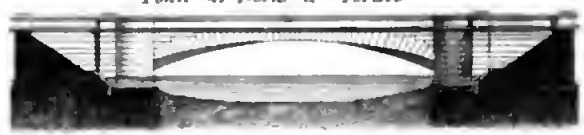


Fig. 1

Fig. 2

Fig. 3

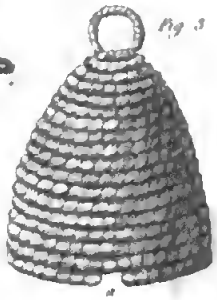


Fig. 4

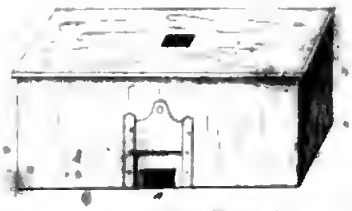


Fig. 5

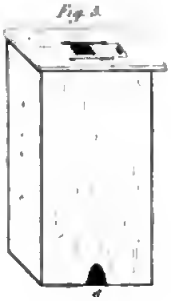


Fig. 6

Fig. 7

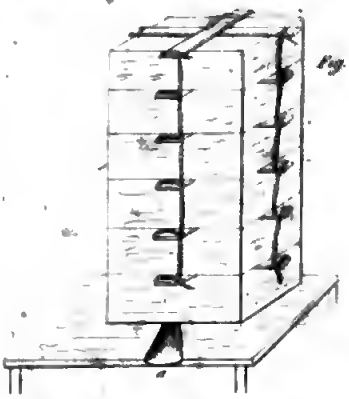


Fig. 8

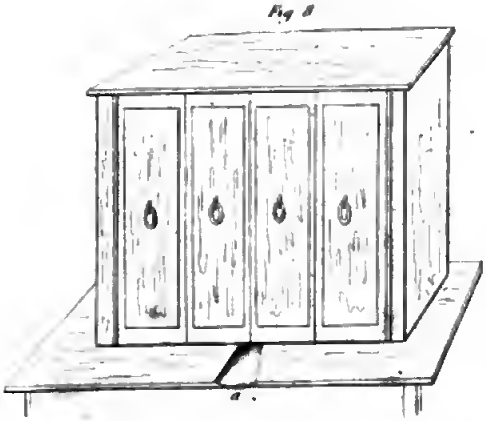


Fig. 10

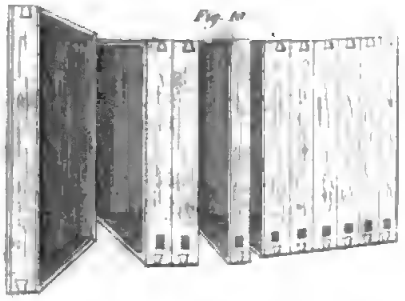


Fig. 9

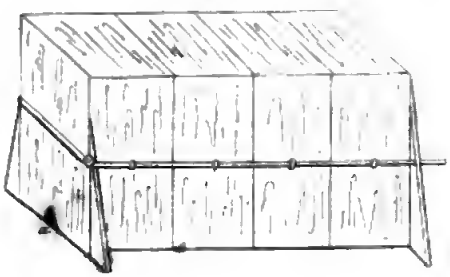


Fig. 11

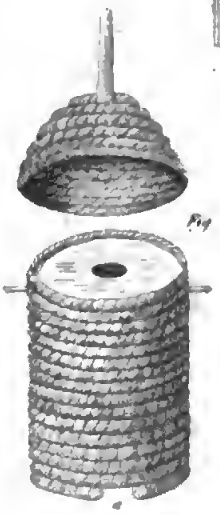
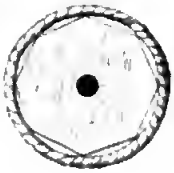
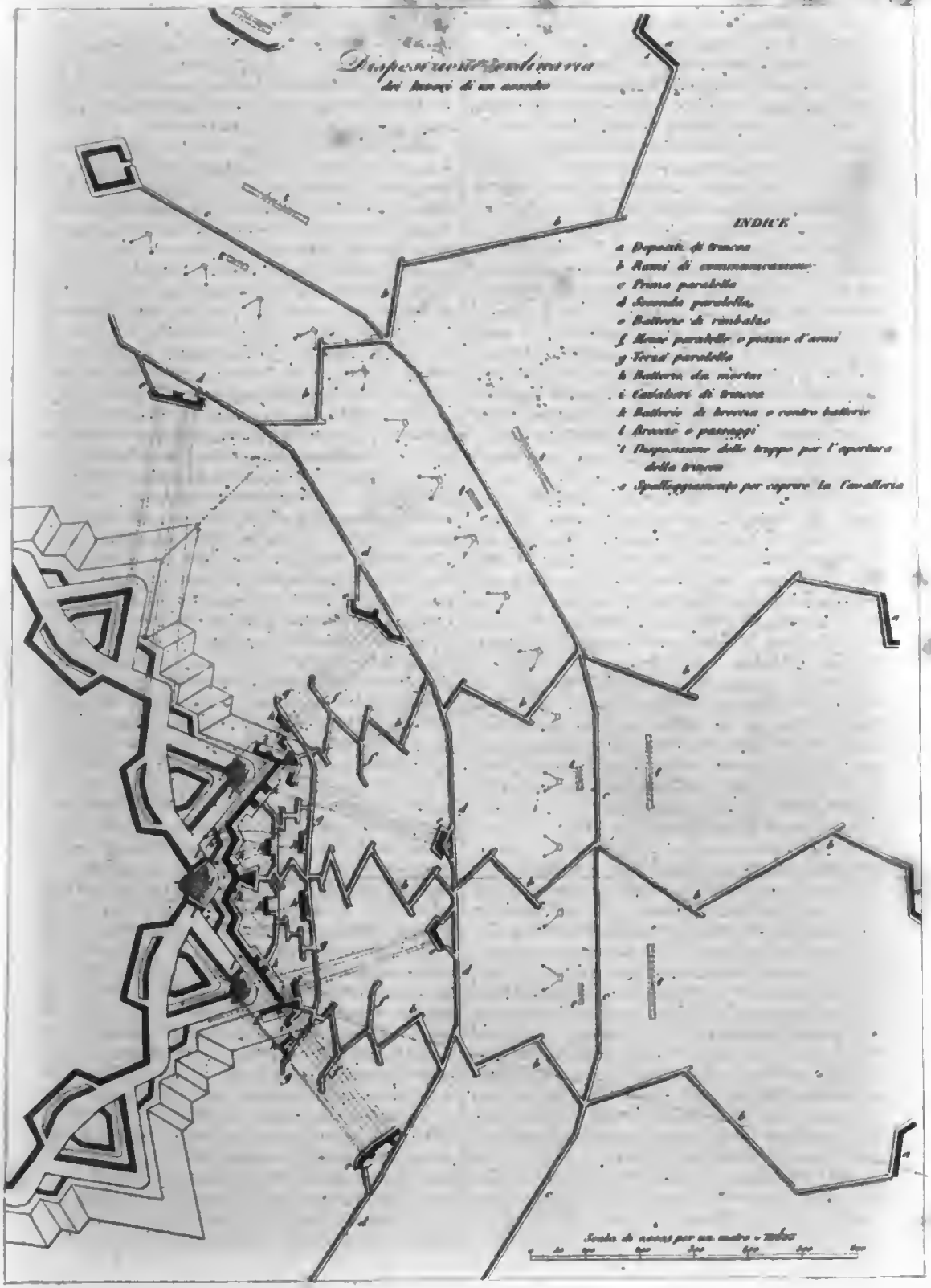
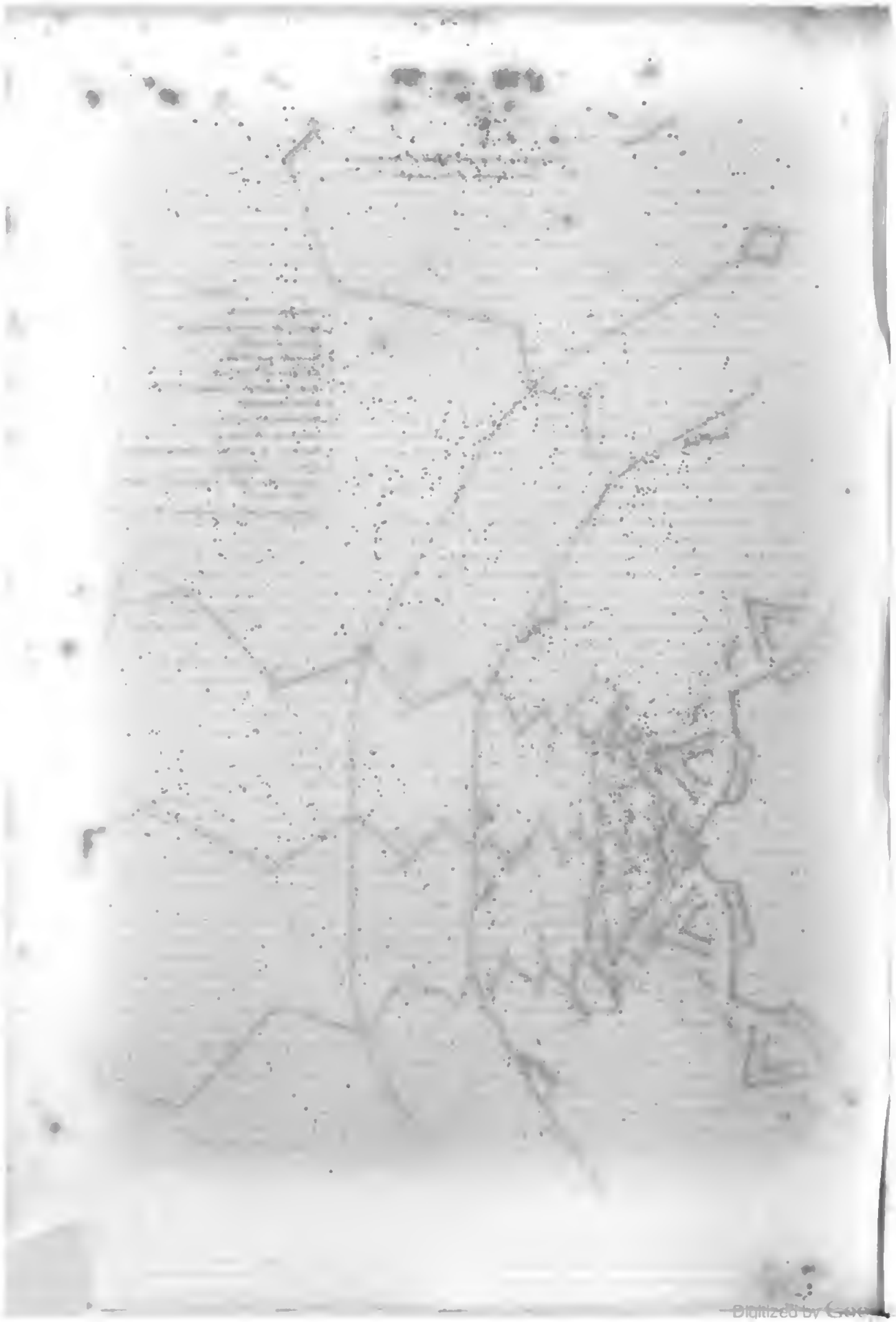


Fig. 12

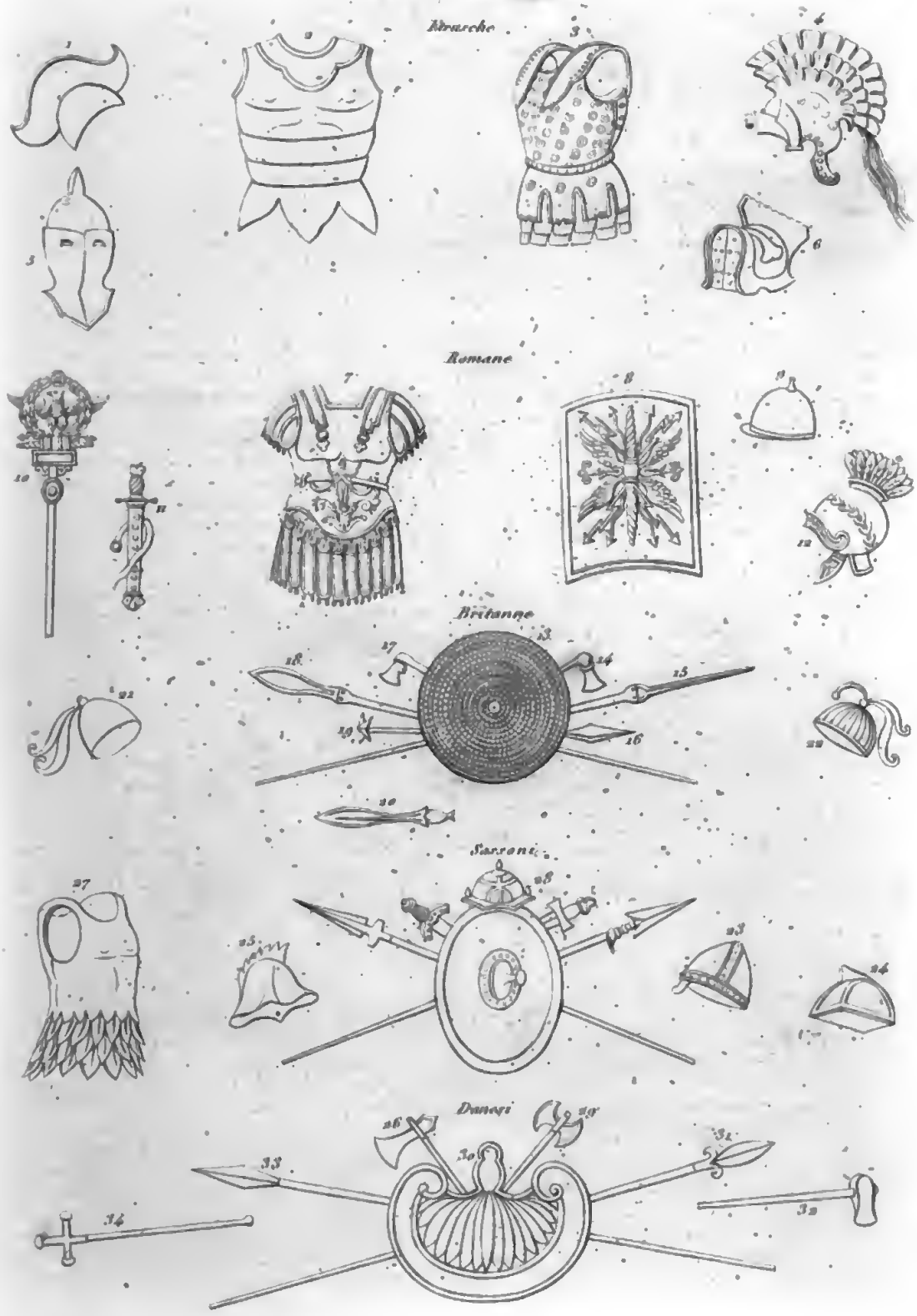



Disposizione per costruire una trincea
dei lavori di un assedio
INDICE
a Deposito di trincea
b Rami di comunicazione
c Prima parallela
d Seconda parallela
e Batteria di rimbalzo
f Mezza parallela o piazza d'armi
g Terza parallela
h Batteria da mortai
i Cavalieri di trincea
k Batterie di breccia o contro batterie
l Breccie e passaggi
i Disposizione delle truppe per l'apertura della trincea
o Spalleggiamento per coprire la Cavalleria
Scala di canne per un metro e mezzo



ARTE MILITARE

ARMI ED ARMATURE ANTICHE

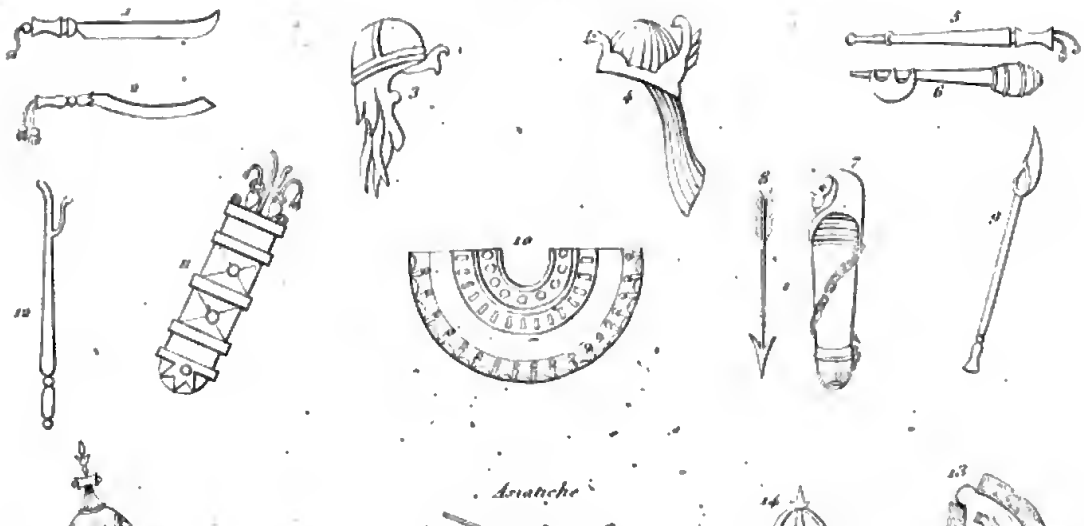


Digitized by Google

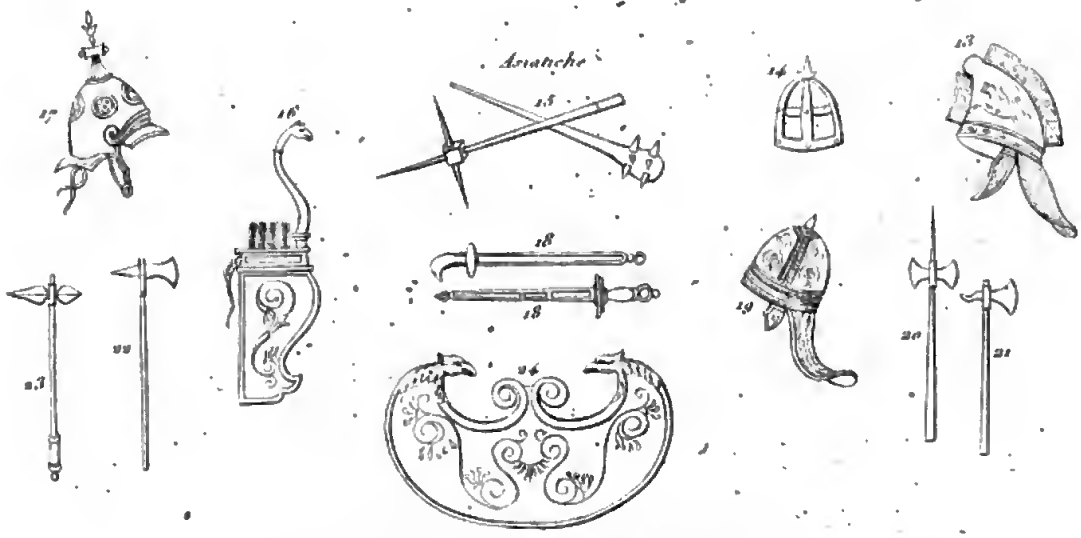
ARTE MILITARE

ARMI ED ARMATURE ANTICHE

Greco-Egizie



Asiatiche



Greche

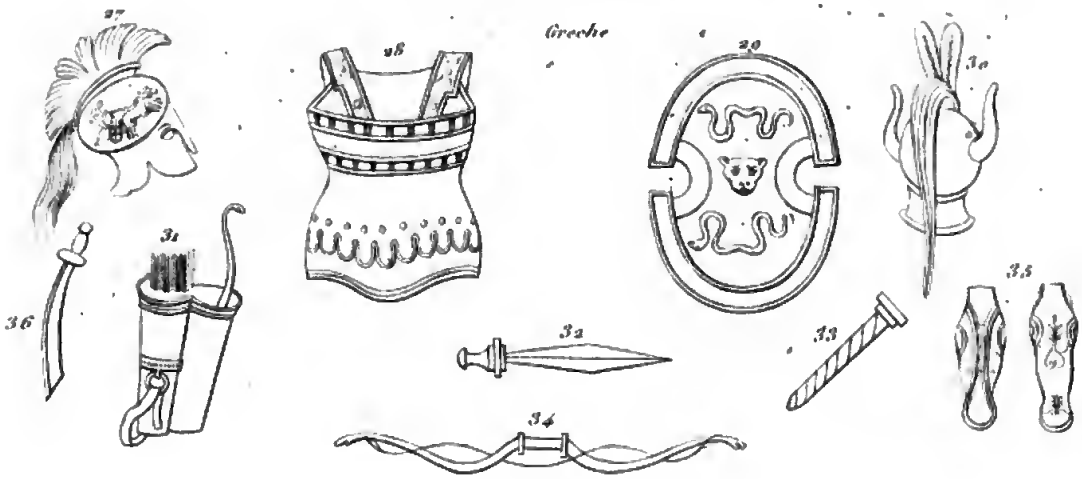
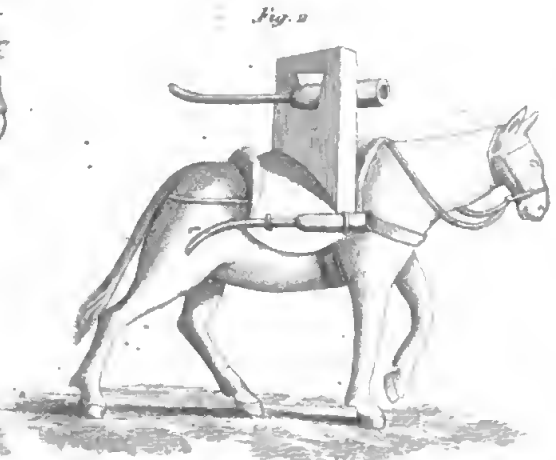


Fig. 1

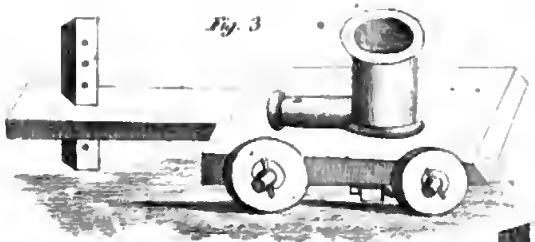
Cavaliere armato di scoppietto e Scoppiettiere

Fig. 2



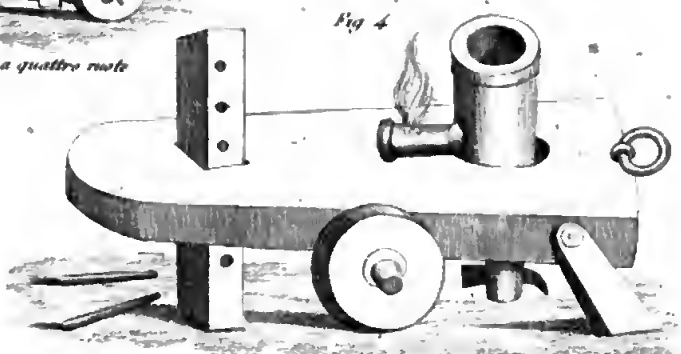
Somiere portante tre scoppietti

Fig. 3



Bombarda verticale sopra ceppo a quattro ruote

Fig. 4



Bombarda verticale con ceppo a due ruote

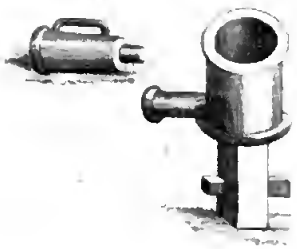
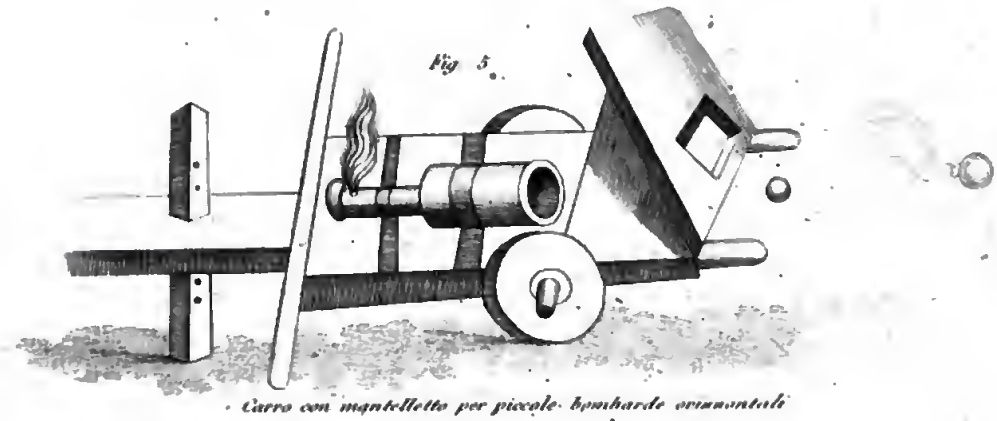


Fig 5.



Carro con mantelletto per piccole bombarde ovunontali

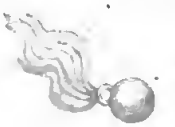
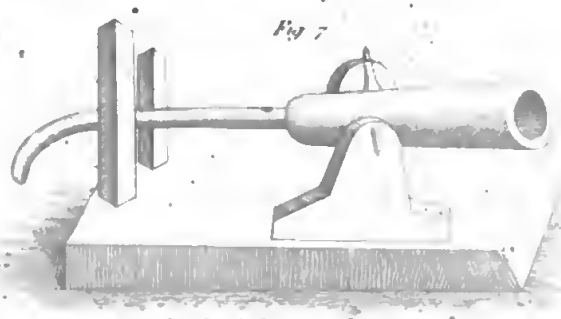
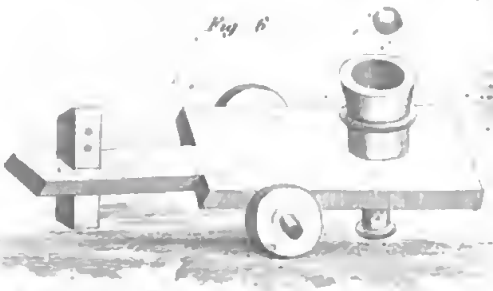


Fig 7



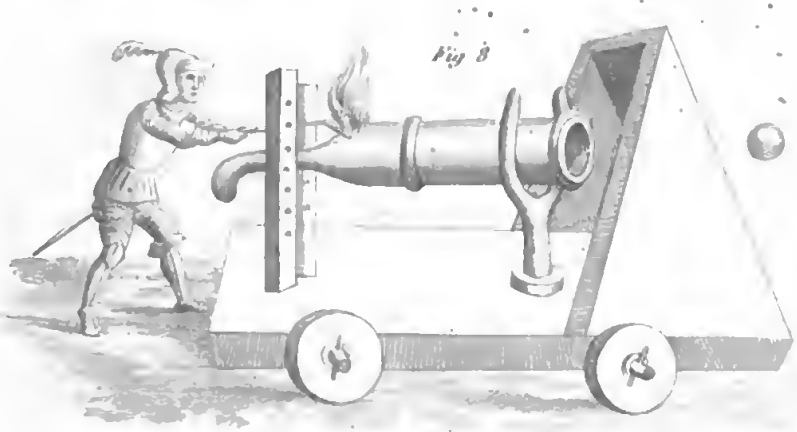
Bombarda Cerbottana di gran portata

Fig 6



Bombardella per lanciare palle incendiarie

Fig 8



Cerbottana ambulatoria

Digitized by Google

CATAPULTE
E CERBOTTANA

Fig. 1.

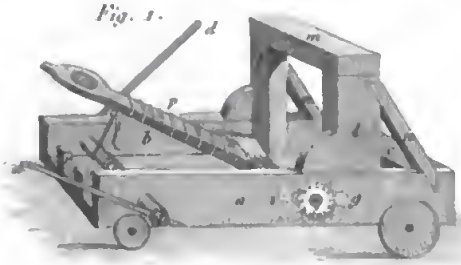


Fig. 2

Fig. 3

Fig. 6

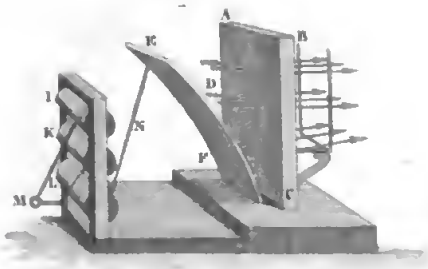


Fig. 4

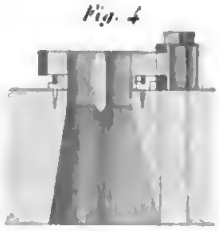
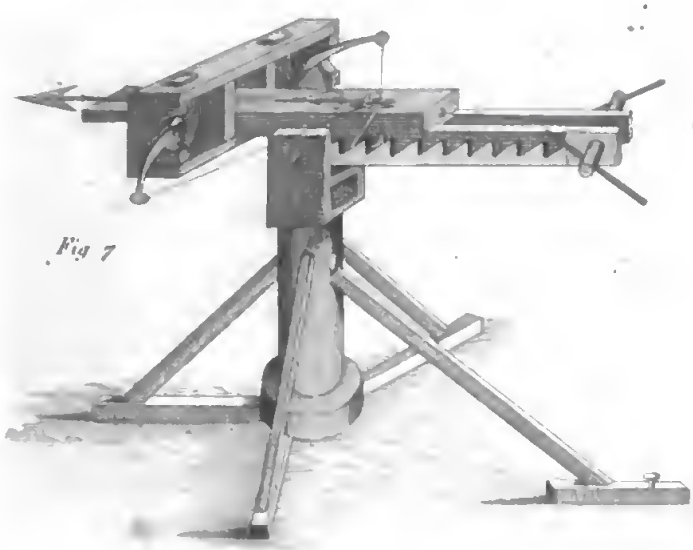


Fig. 5

Fig. 8

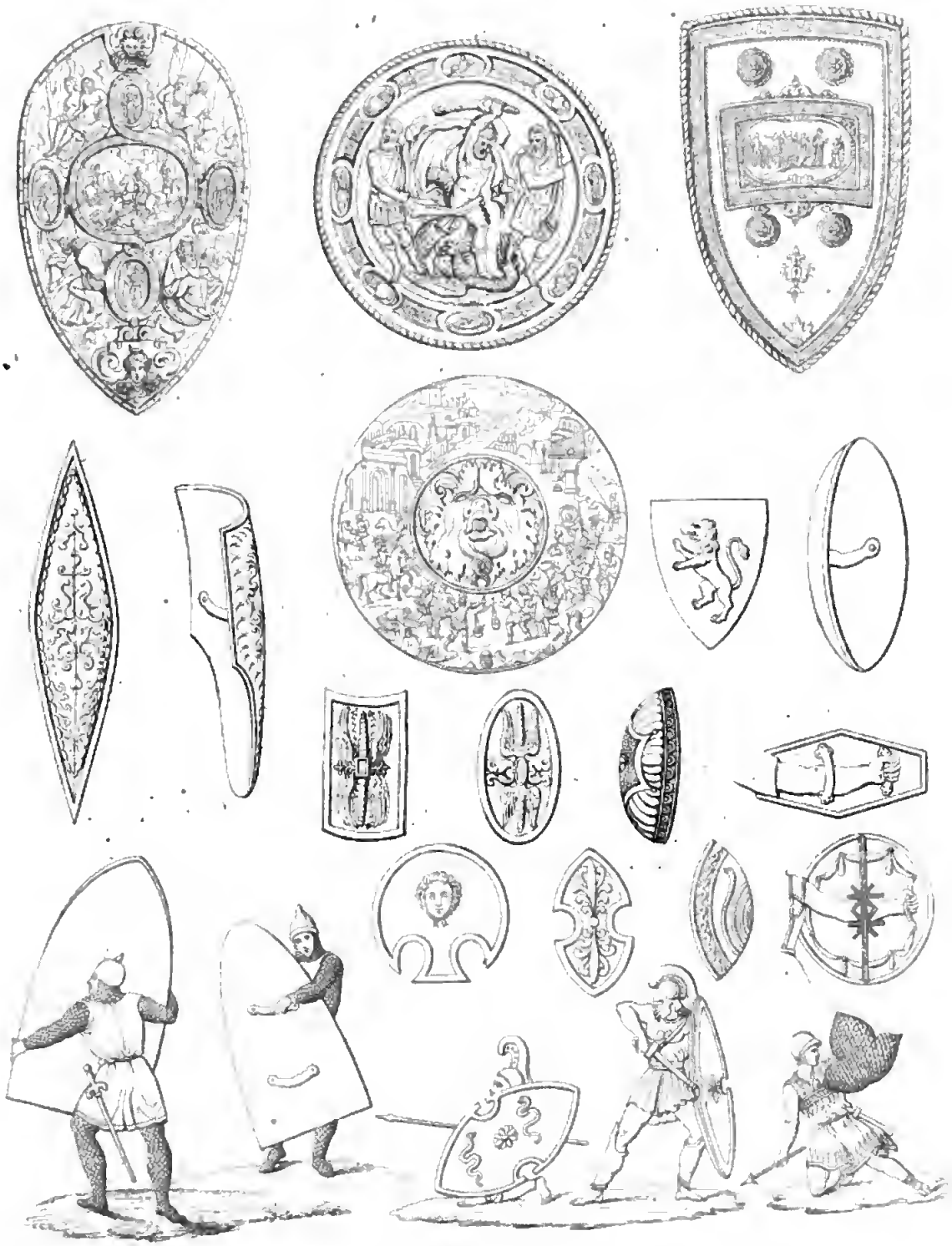
cerbottana

Fig. 7



ARTE MILITARE

SCUDI ANTICHI E DEI BASSI TEMPI



Digitized by Google

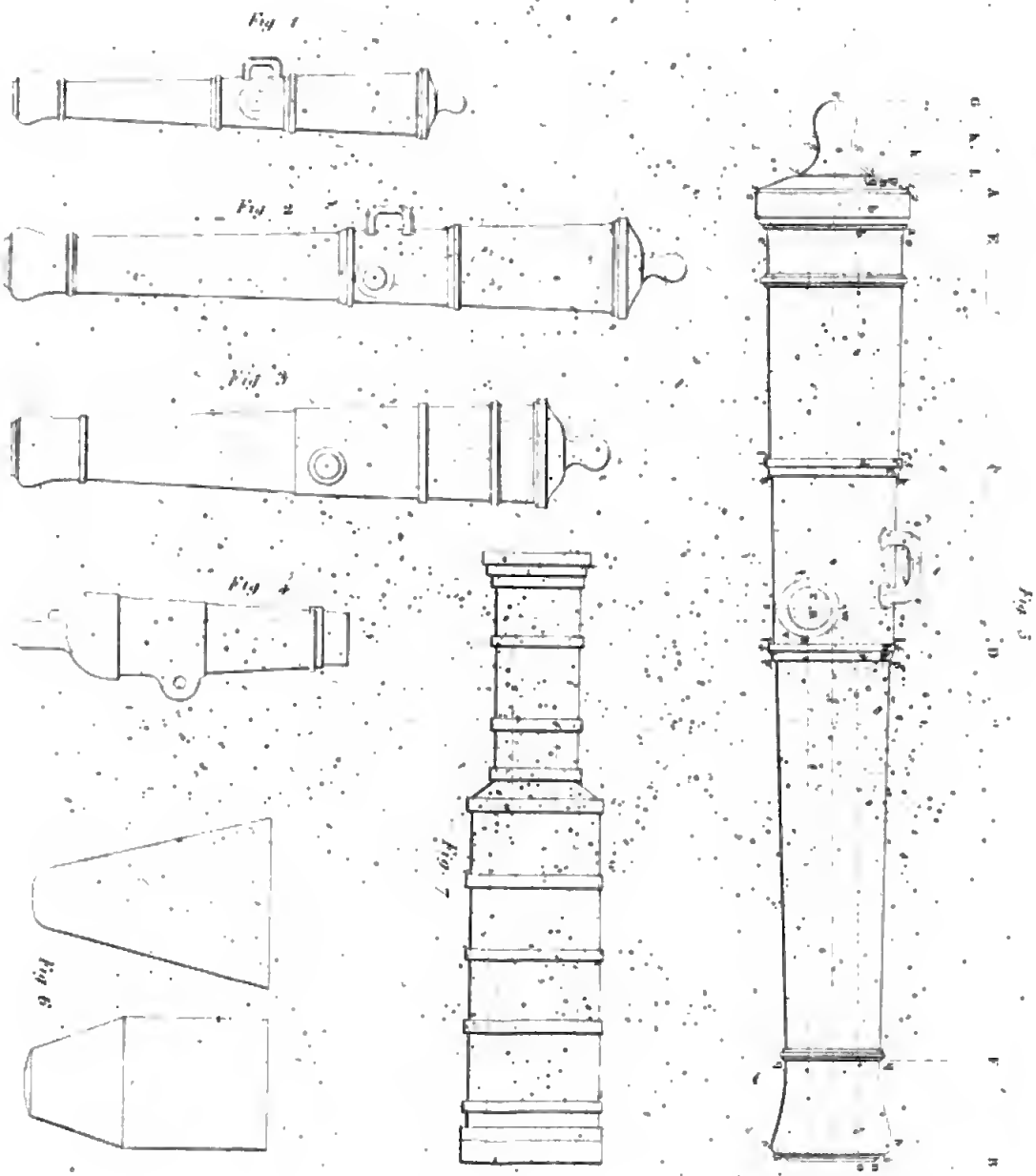


Fig. 1
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 7

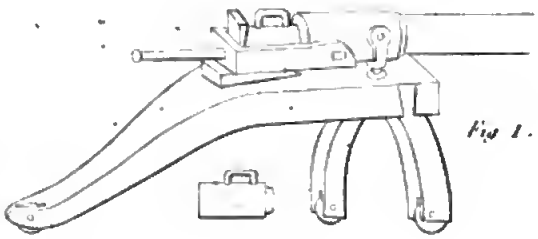


Fig 1.

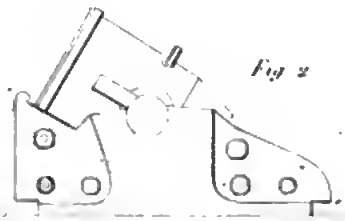


Fig 2

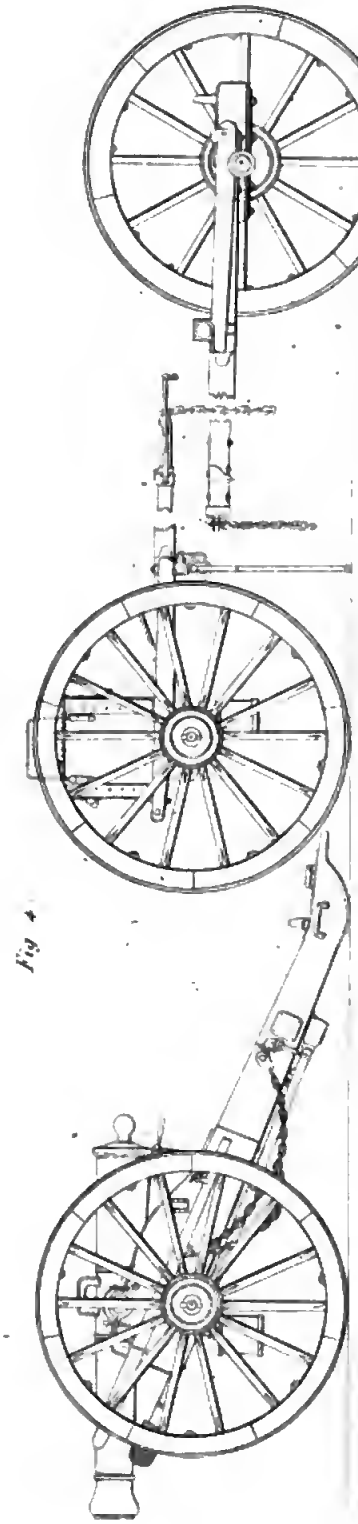


Fig 4

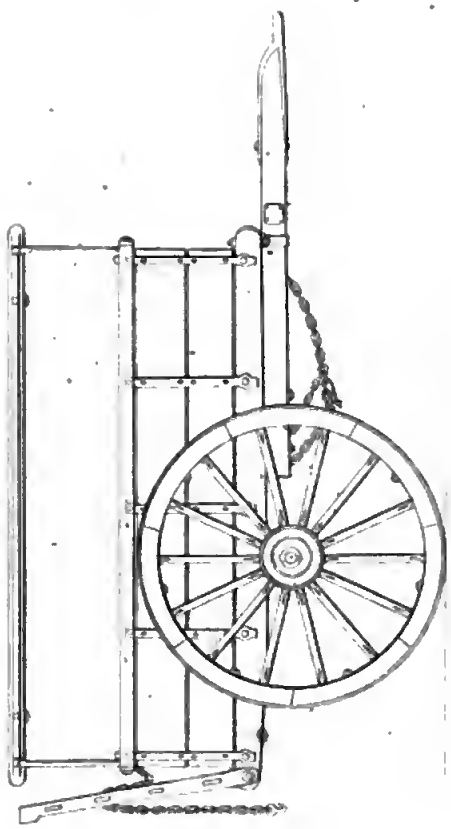
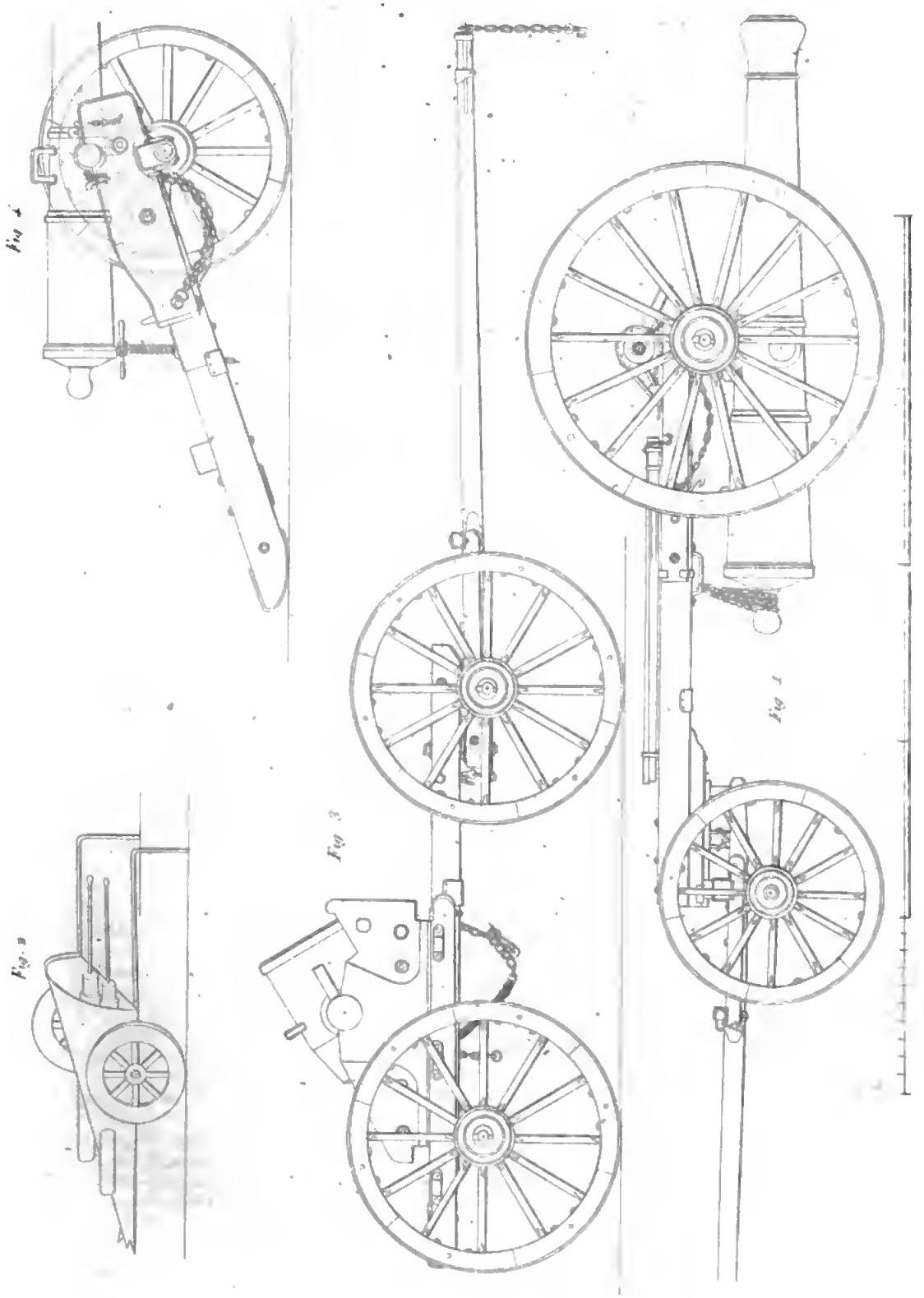


Fig 3.



Digitized by Google

CANNE, E CARRETTE RIC

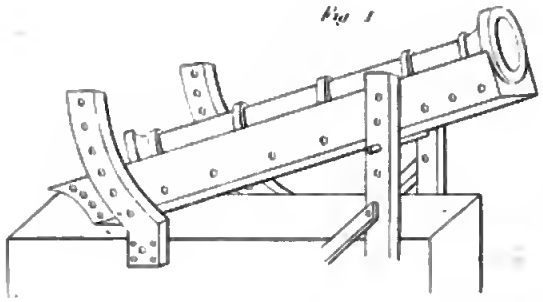


Fig. 1

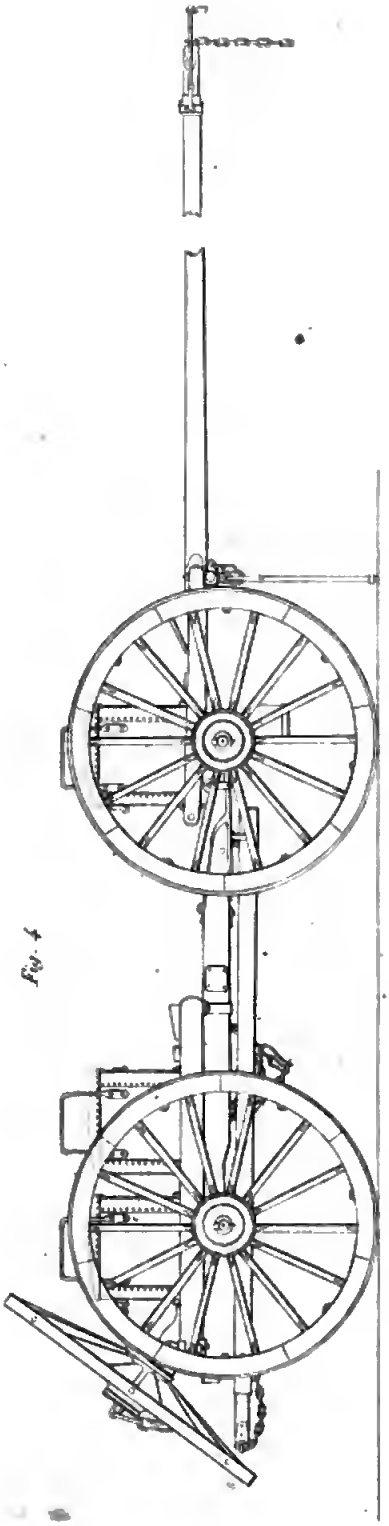


Fig. 4

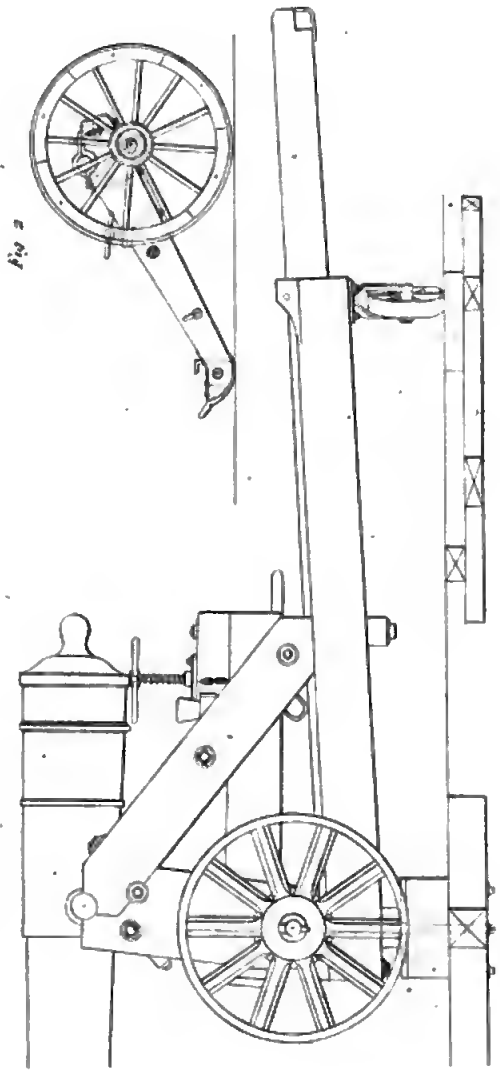
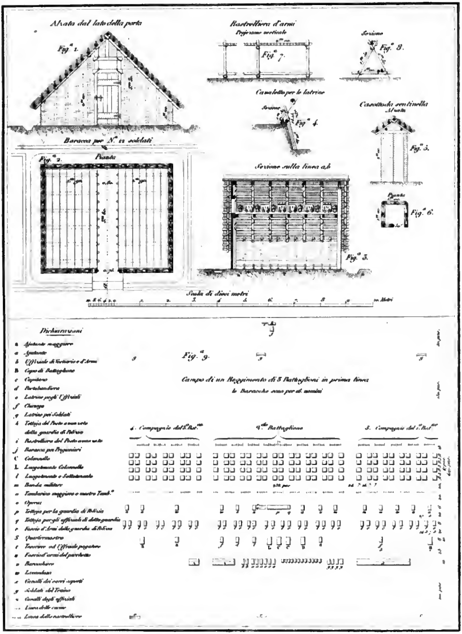


Fig. 2

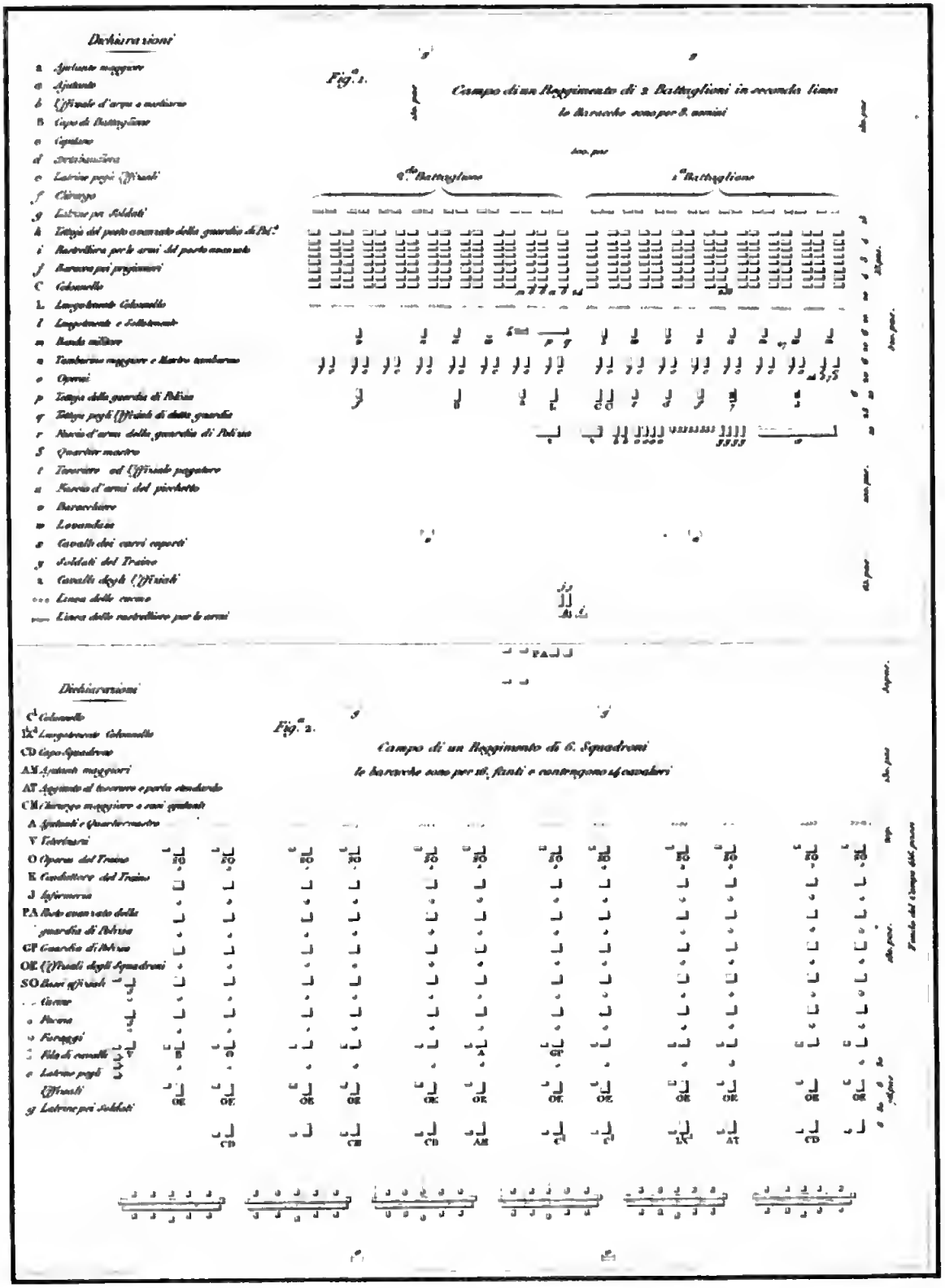
Fig. 3

Digitized by Google



Alzata dal lato della porta
Fig.a 1.
Baracca per N.o 12 soldati
Fig.a 2.
Pianta
Rastrelliera d'armi
Projezione verticale
Fig.a 7.
Sezione
Fig.a 8.
Canaletto per le latrine
Sezione
Fig.a 4.
Casotto da sentinella
Alzata
Fig.a 5.
Sezione sulla linea a,b
Fig.a 3.
Pianta
Fig.a 6.
Scala di dieci metri
10 Metri
Dichiarazioni
a Ajutante maggiore
a Ajutante
B Capo di Battaglione
c Capitano
d Portabandiera
e Latrine per gli Uffiziali
f Chirurgo
g Latrine pei Soldati
i Rastrelliera del Posto avanzato
j Baracca per Prigionieri
C Colonnello
L Luogotenente Colonnello
l Luogotenente e Sottotenente
m Banda militare
n Tamburino maggiore e mastro Tamb.o
o Operai
p Tettoja per la guardia di Polizia
q Tettoja per gli uffiziali di detta guardia
S Quartiermastro
t Tesoriere ed Uffiziale pagatore
v Barocchere
w Lavandaje
y Soldati del Traino
Linea delle cucine
Linea delle rastrelliere
Fig.a 9.
Campo di un Reggimento di 3 Battaglioni in prima linea
le Baracche sono per 12 uomini
4. Compagnie del 3.o Bat.ne
2.do Battaglione
3. Compagnie del 1.o Bat.ne

CASTRAMETAZIONE



ARTE MILITARE

TAV. XXIII (P.)

COCCARDE DELLE PRINCIPALI POTENZE

Digitized by Google

Fig. 4

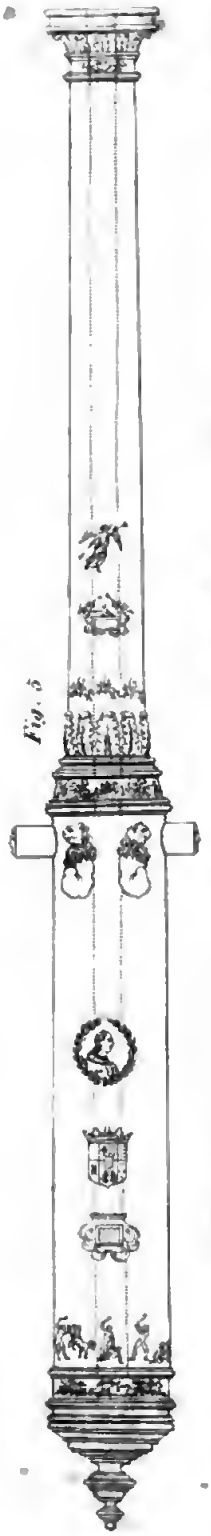


Fig. 5

Fig. 6

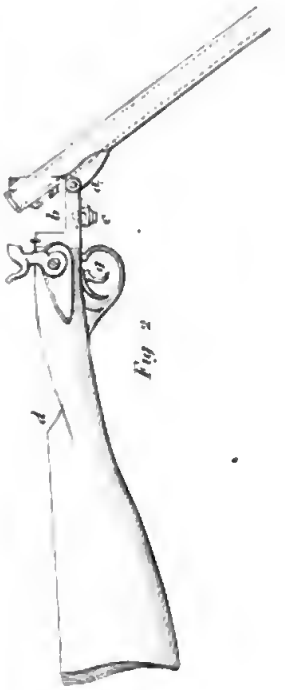


Fig. 2

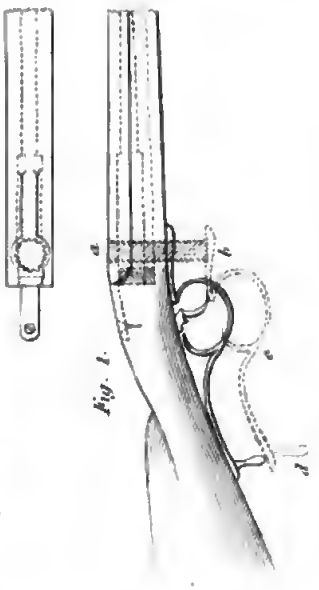


Fig. 1

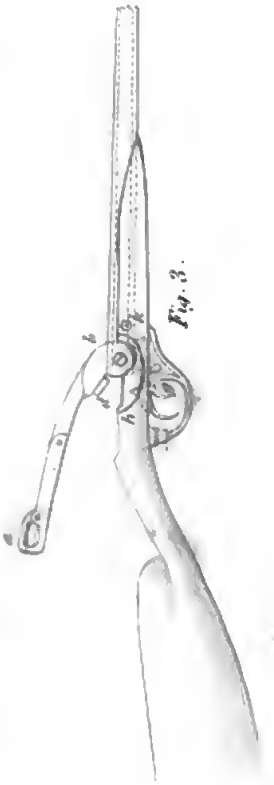


Fig. 3

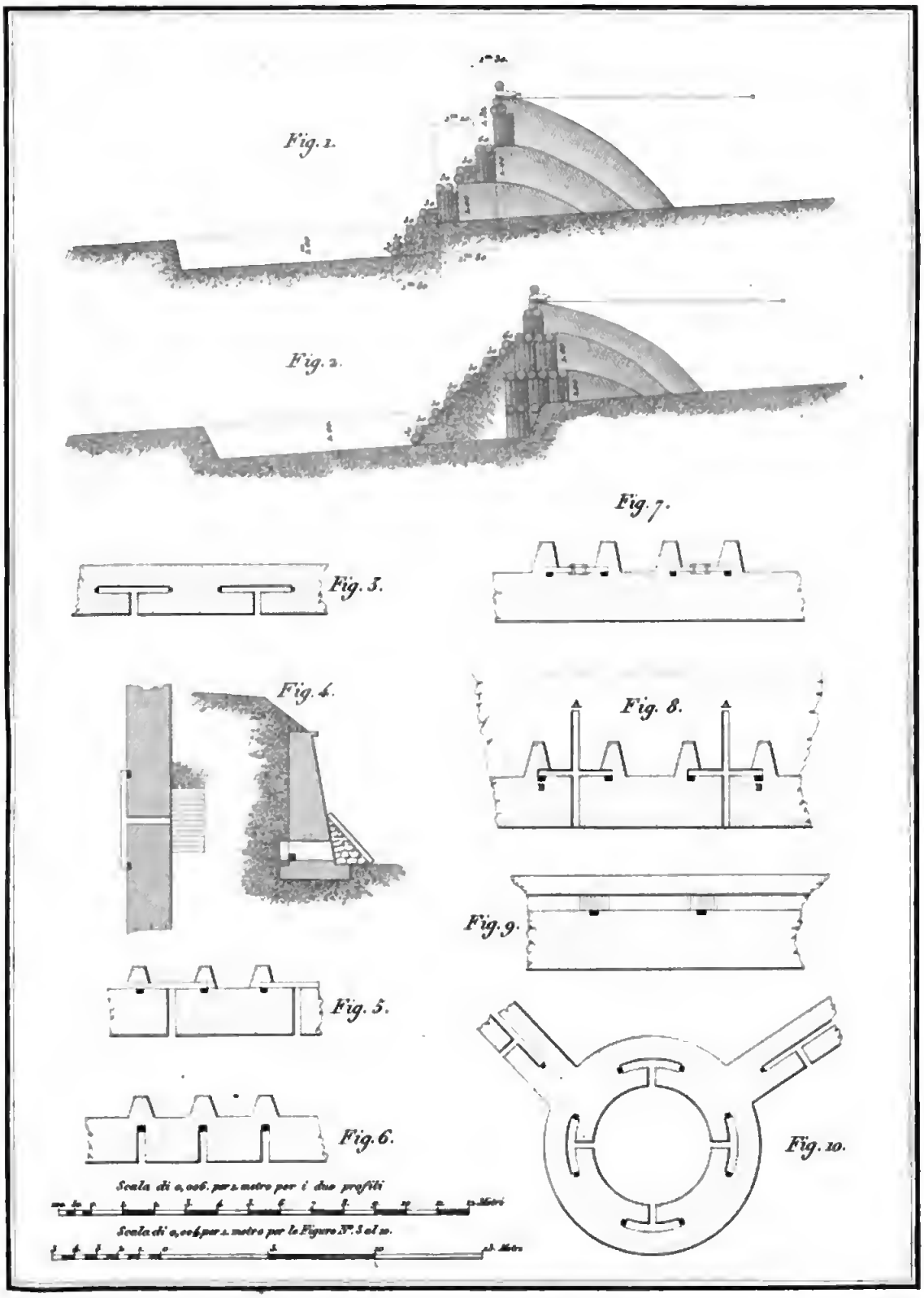


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Scala di 0,006. per 1 metro per i due profili
Scala di 0,004 per 1 metro per le Figure N°. 3 al 10.

Fig. 1.

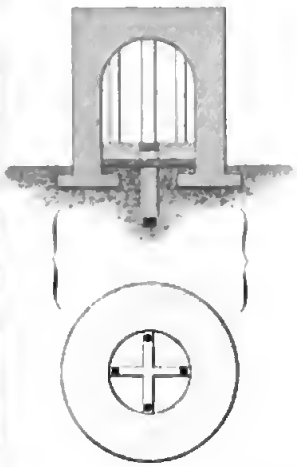


Fig. 2.

Fig. 3.

Fig. 4.

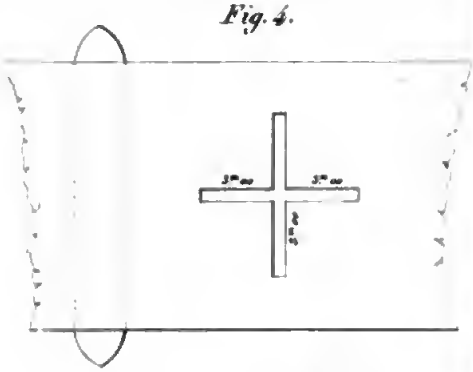


Fig. 5.

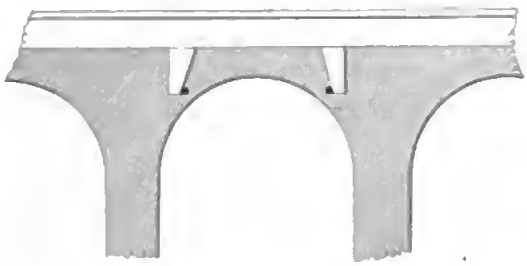


Fig. 6.

Fig. 7.

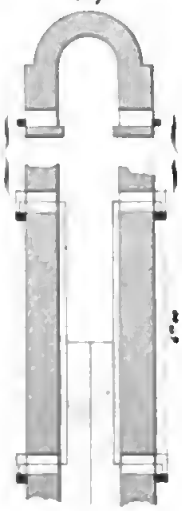


Fig. 8.

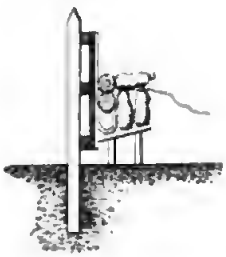
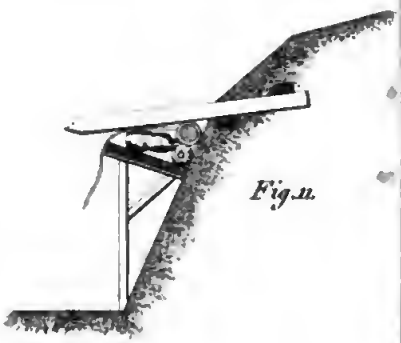


Fig. 9.

Fig. 10.

Fig. 11.



Scala di 0,006. per 1 metro per le Figure 1. 2. 3. 4 e 5.

Scala di 0,02. per 1 metro per le Figure 6. e 7.

Scala di 0,03. per 1 metro per le Figure 8, 9, 10. e 11.

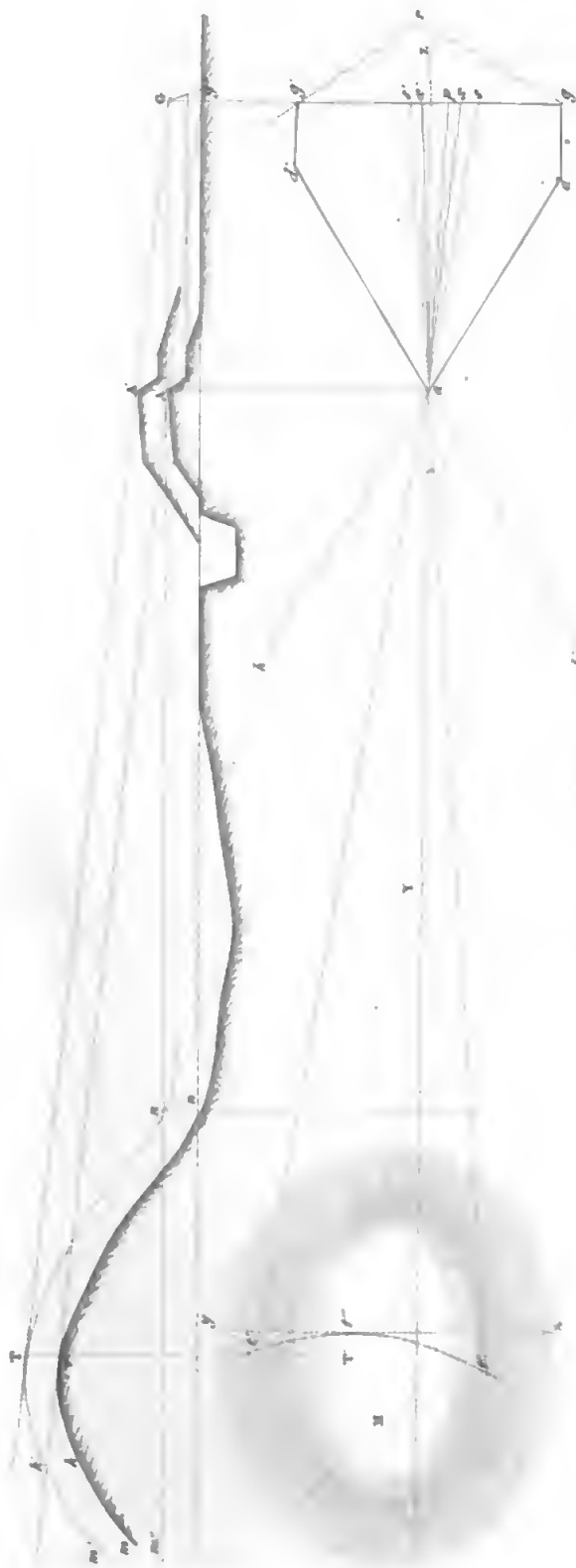


Fig 1.

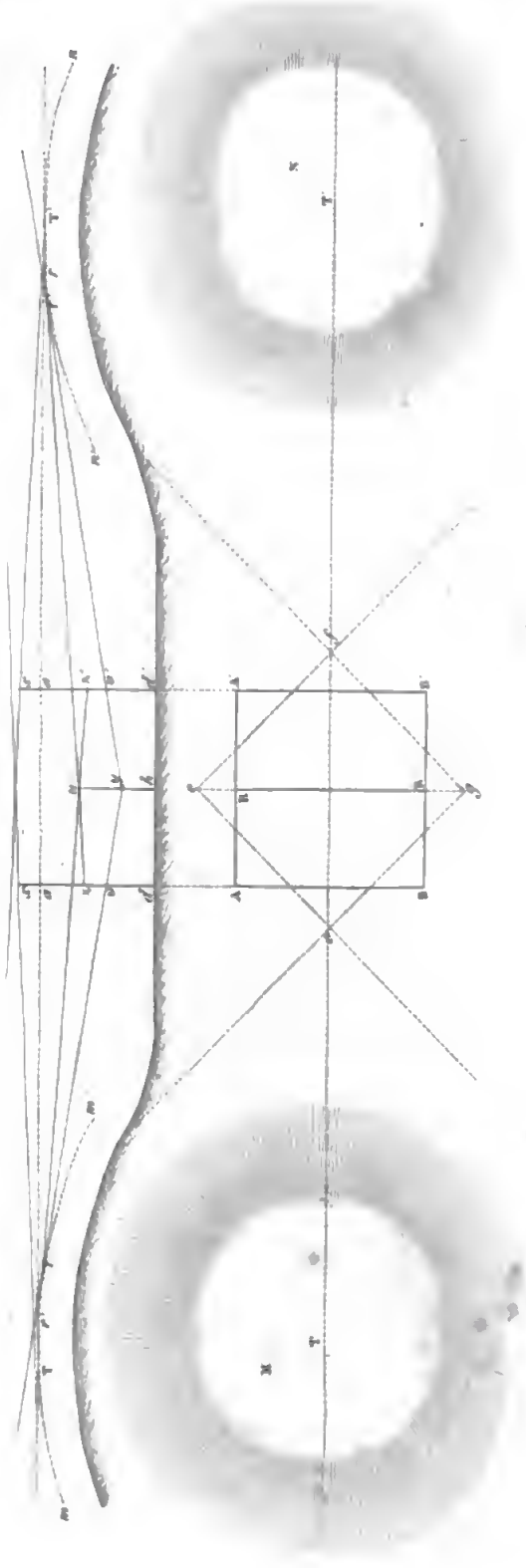


Fig 2.

Fig 1.

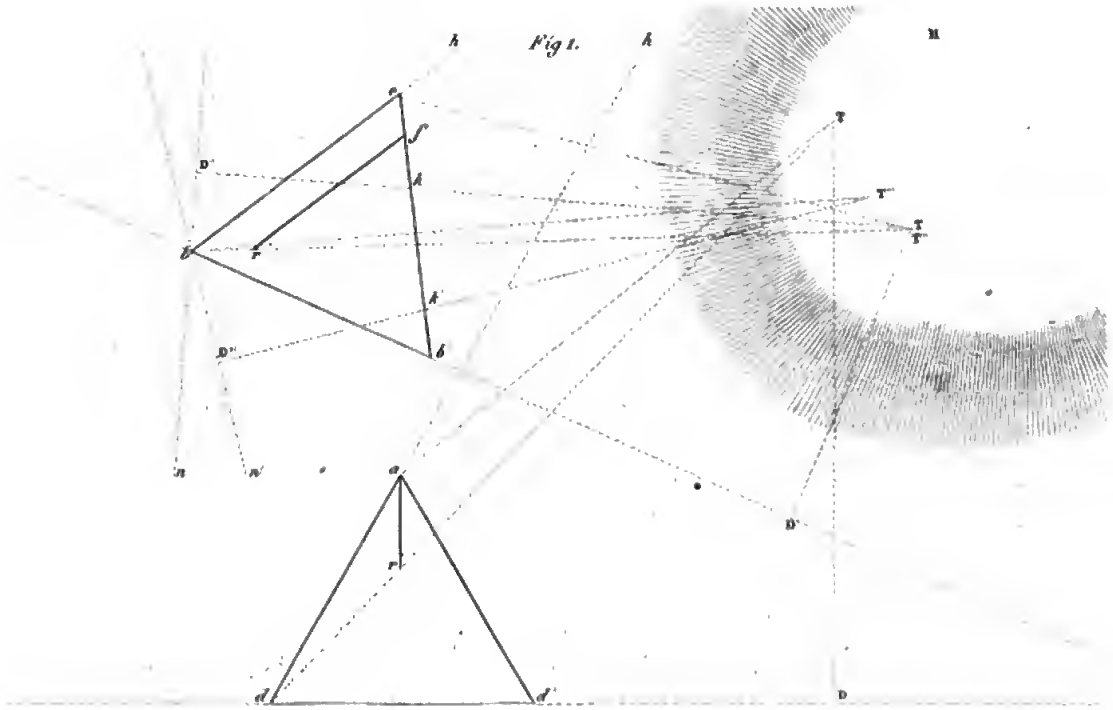


Fig 2.

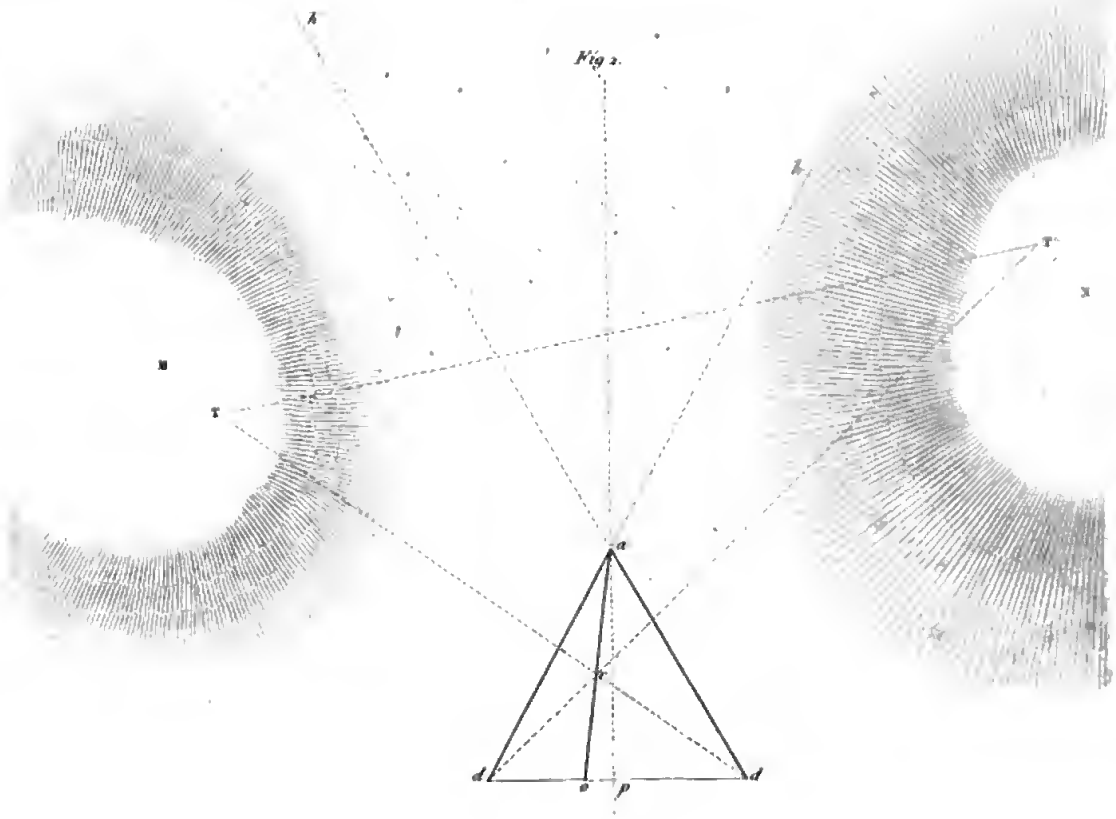


Fig. 1.

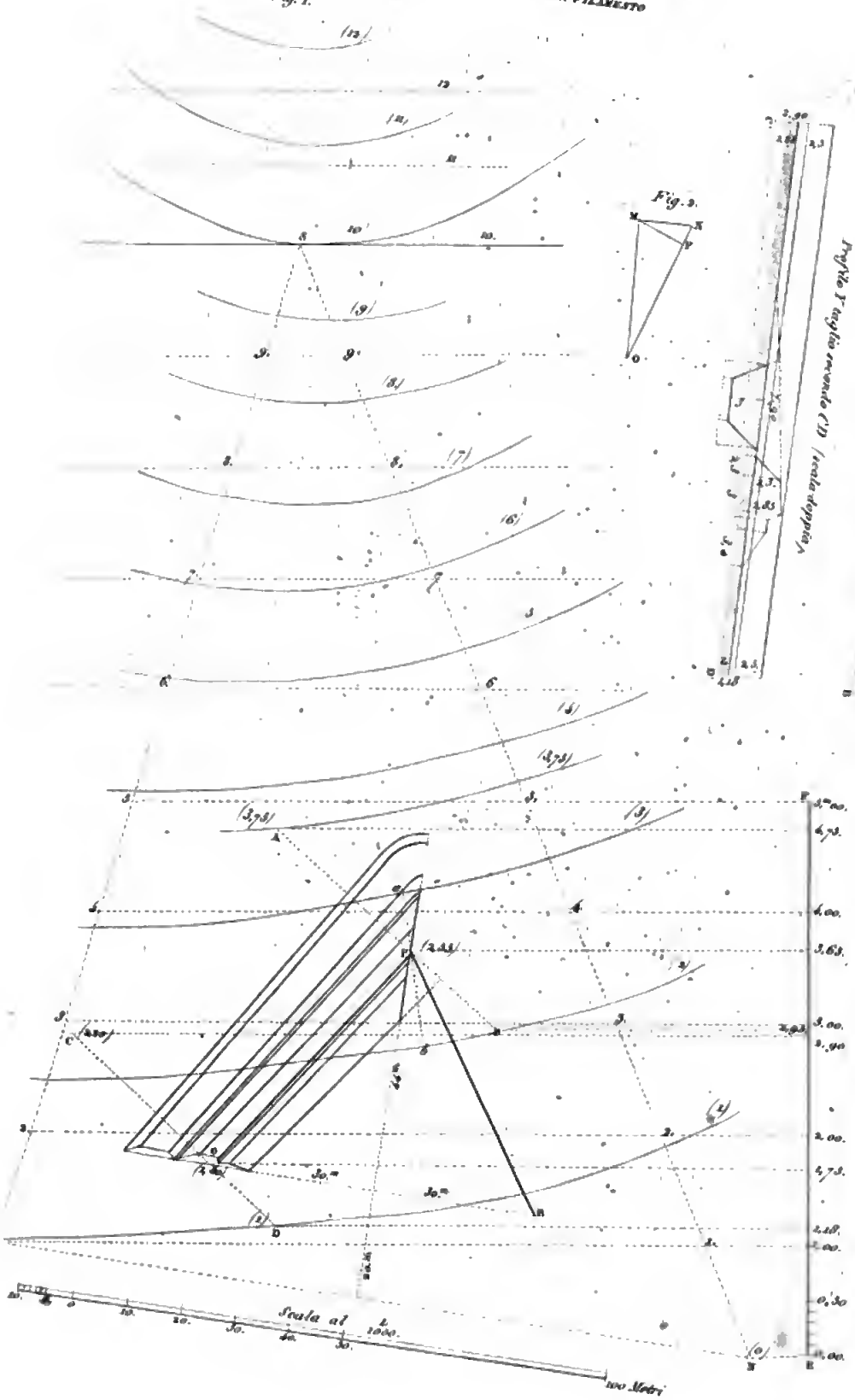
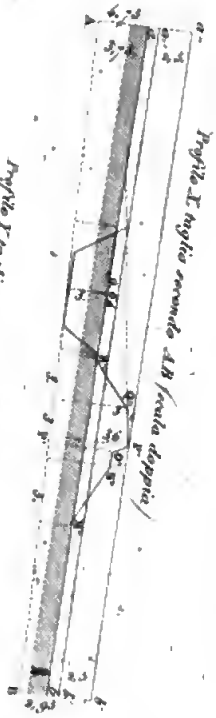


Fig. 2.



Digitized by Google

Fig 1.

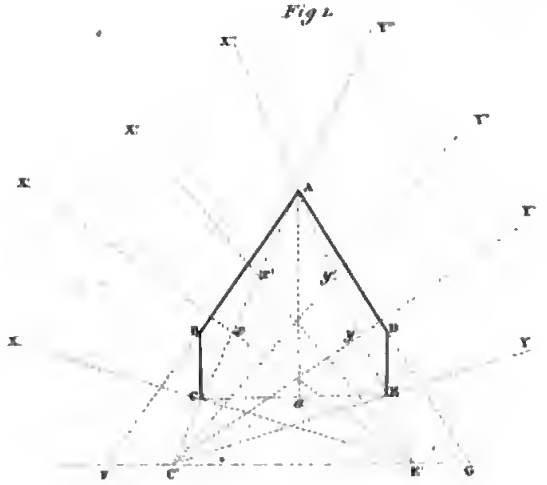
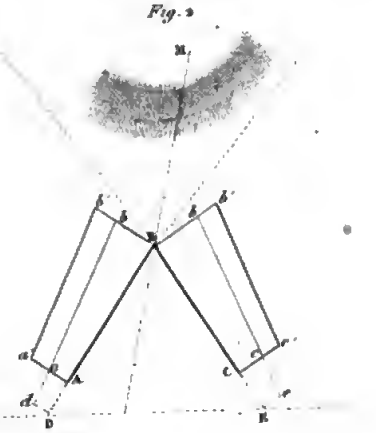


Fig. 2



Profilo P preso sulla linea F G

Fig. 3.

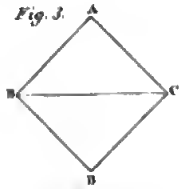


Fig. 4

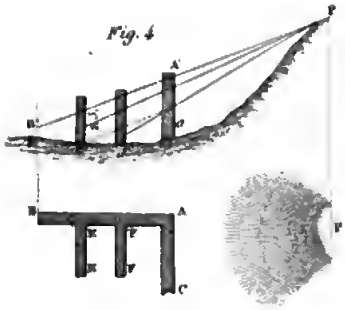


Fig. 6.

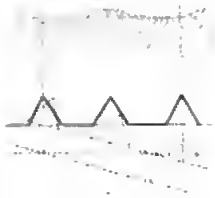


Fig. 7

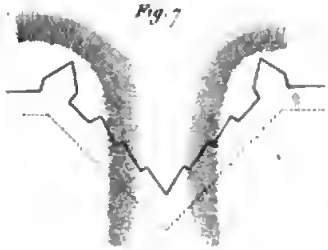


Fig. 8.

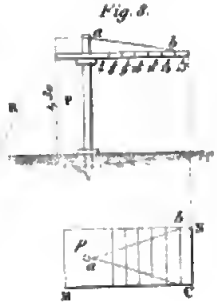
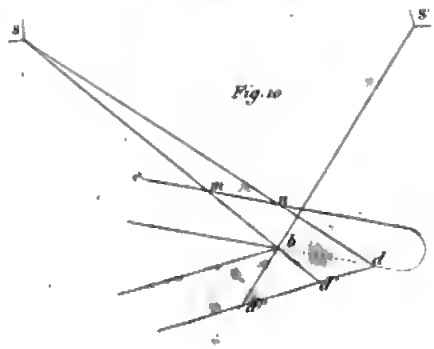
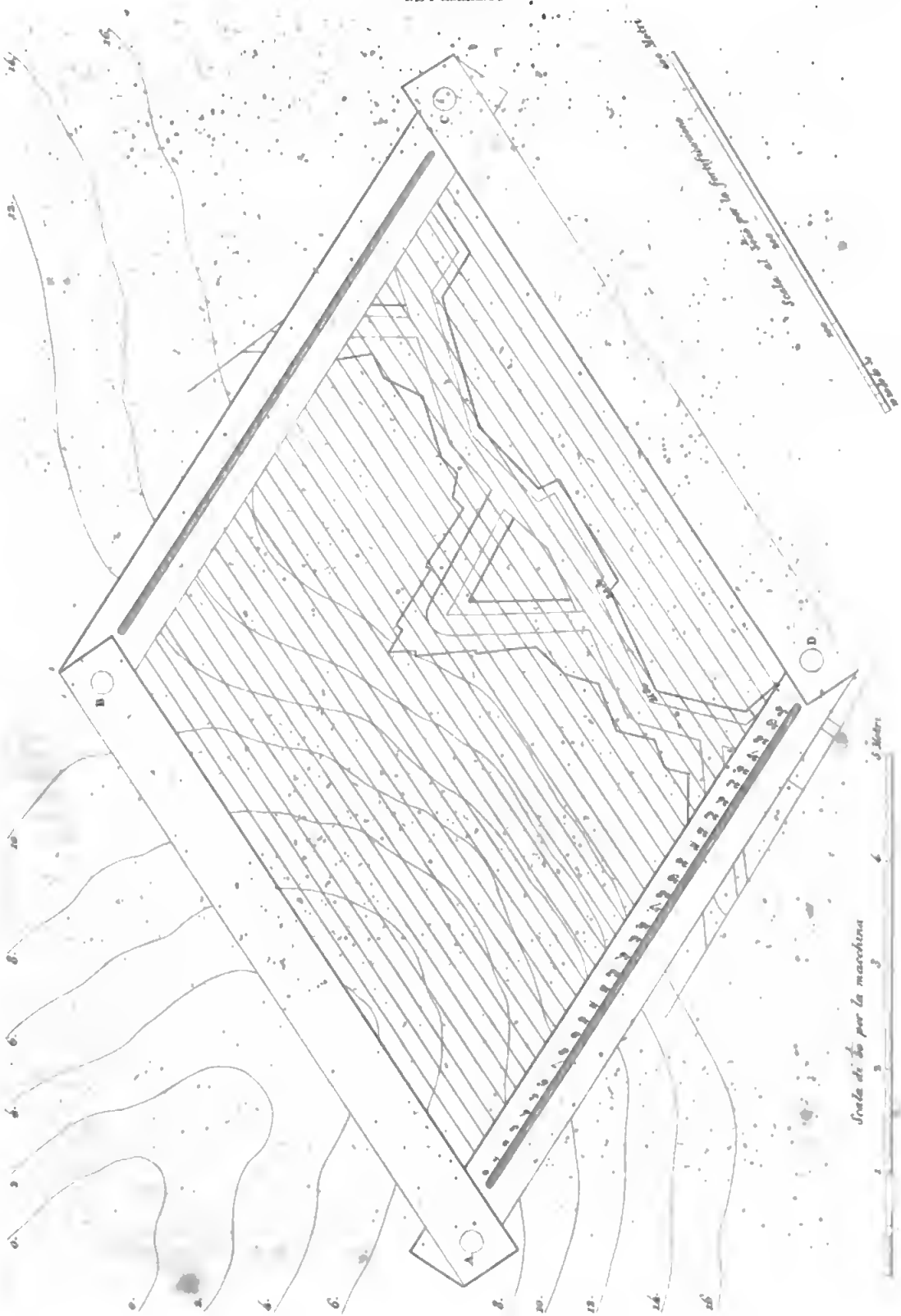


Fig. 5

Fig. 9

Fig. 10

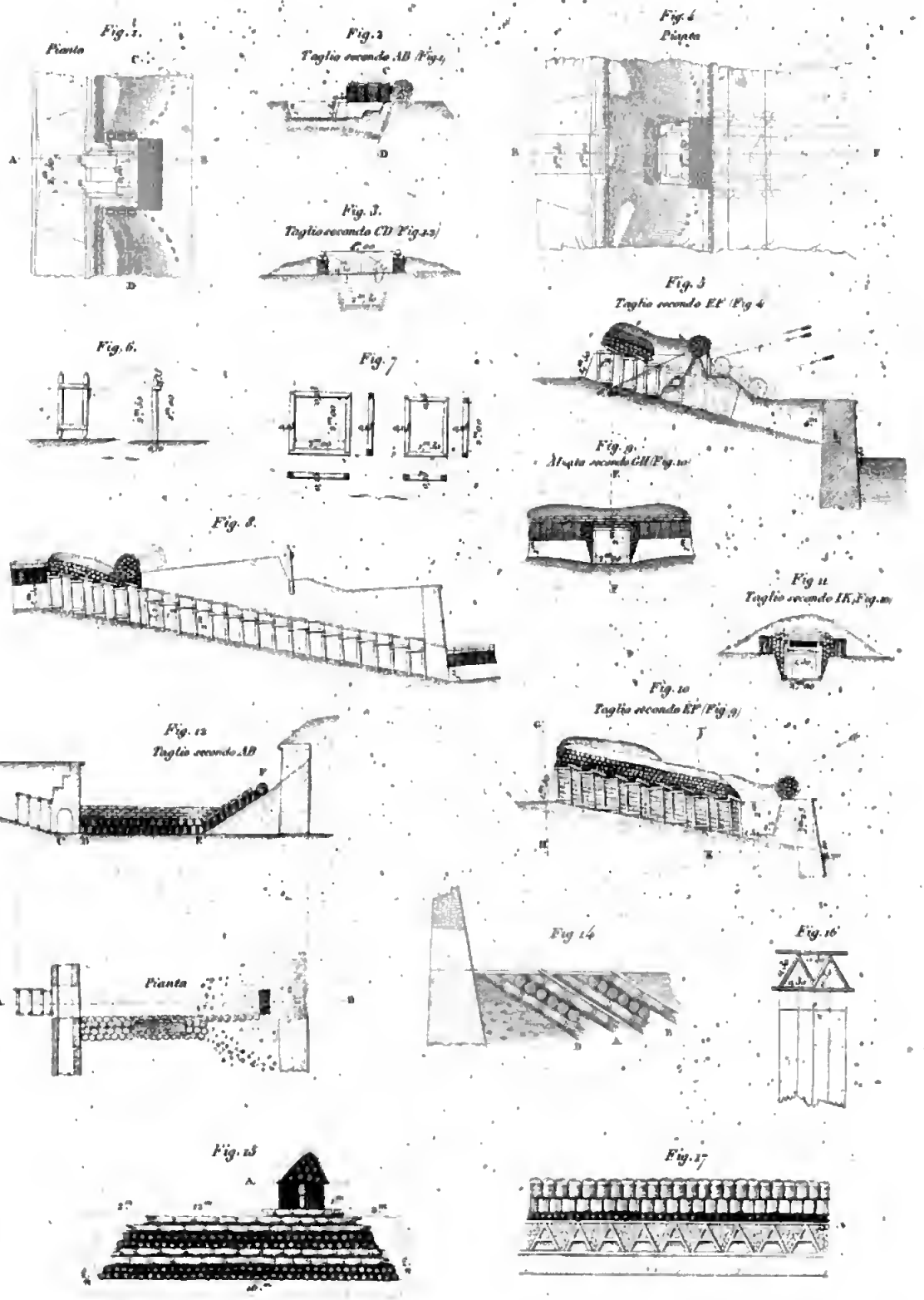




Digitized by Google

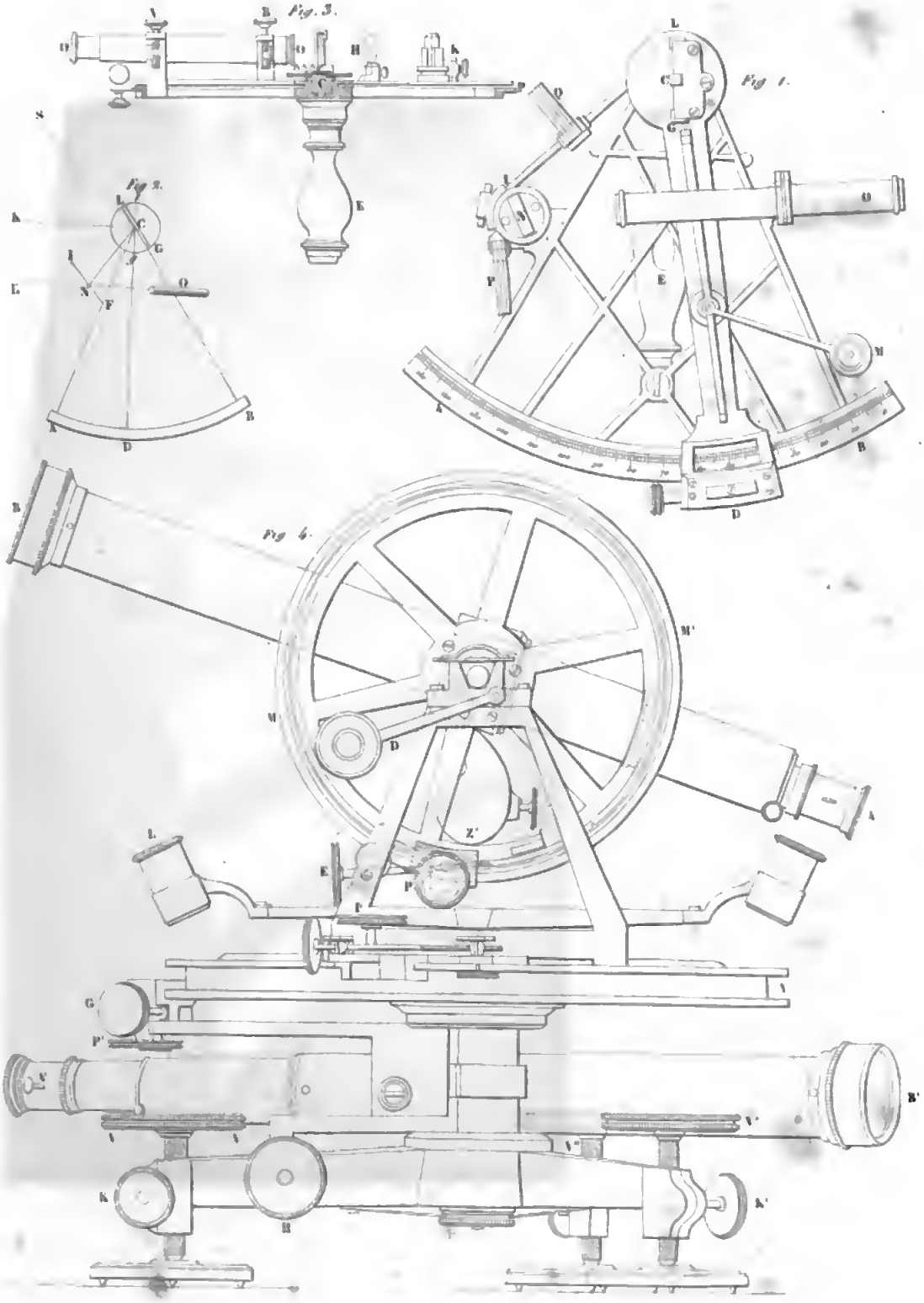
ARTE MILITARE

DISCESA E PASSAGGIO DEL FOSSO



ASTRONOMIA

STRUMENTI



ASTRONOMIA

COMETE

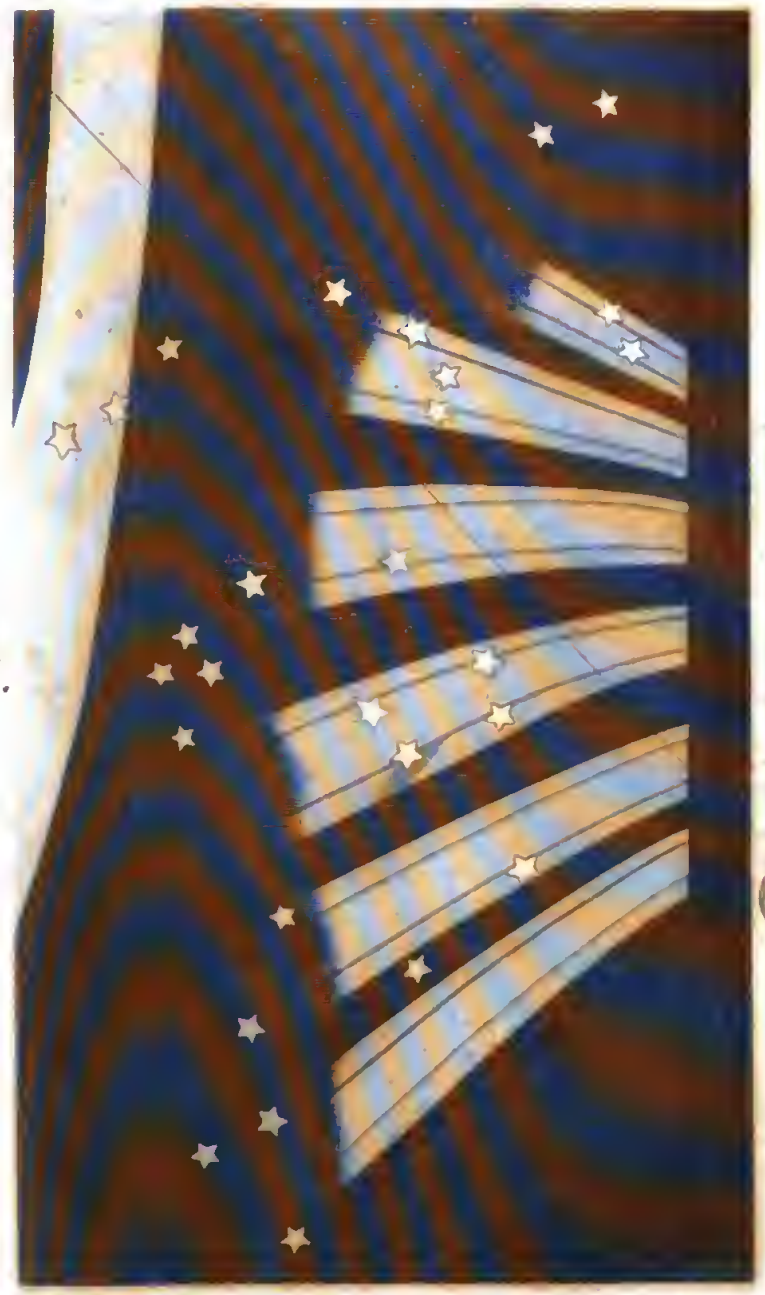


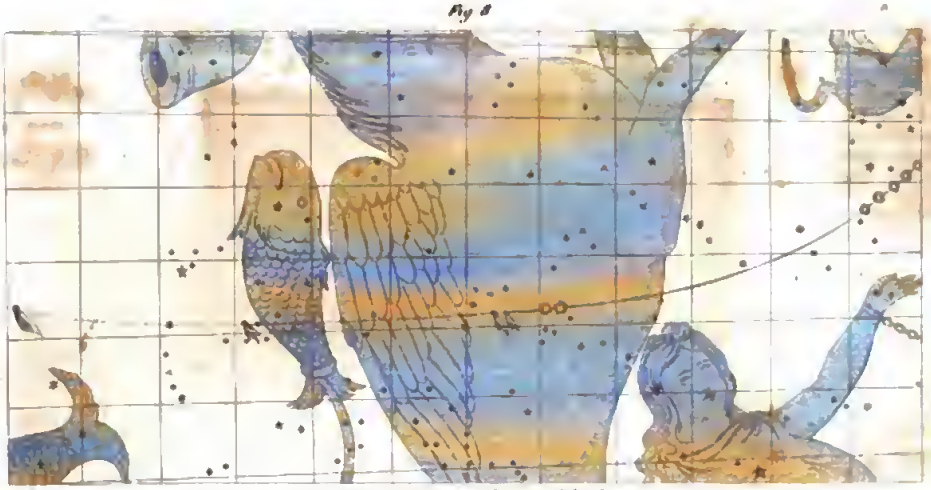
Fig. 1

Digitized by Google

ASTRONOMIA

COMETE E PIANETI

Fig 8



Corso apparente della Cometa del 1784

Fig 9.

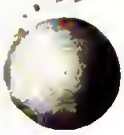


Fig 10

Fig 11

Fig 12

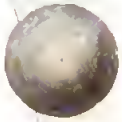


Fig 13

Fig 14

Fig 15.

Fig 16

Fig 17

Fig 18

Fig 19

Fig 20

Fig 21

Fig 22

Fig 23

Fig 24

Fig 25

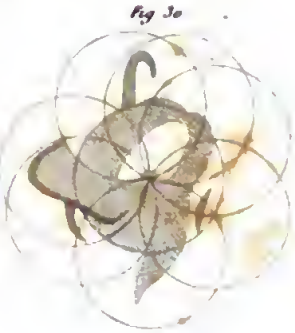
Fig 26

Fig 27

Fig 28

Fig 29

Fig 30



Digitized by Google

ASTRONOMIA

GIOVE – SATURNO – LORO SATELLITI

Fig 31

Fig 32

Fig 37

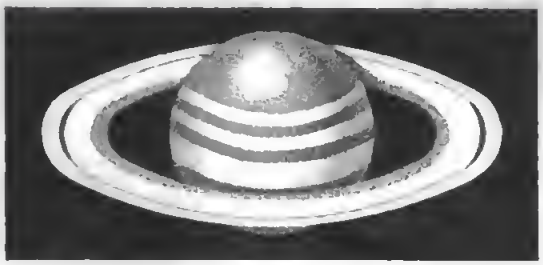


Fig 33

Fig 34

Fig 36

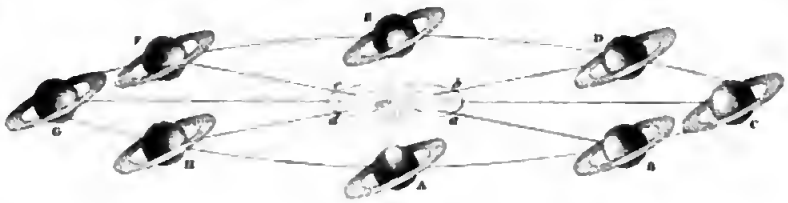
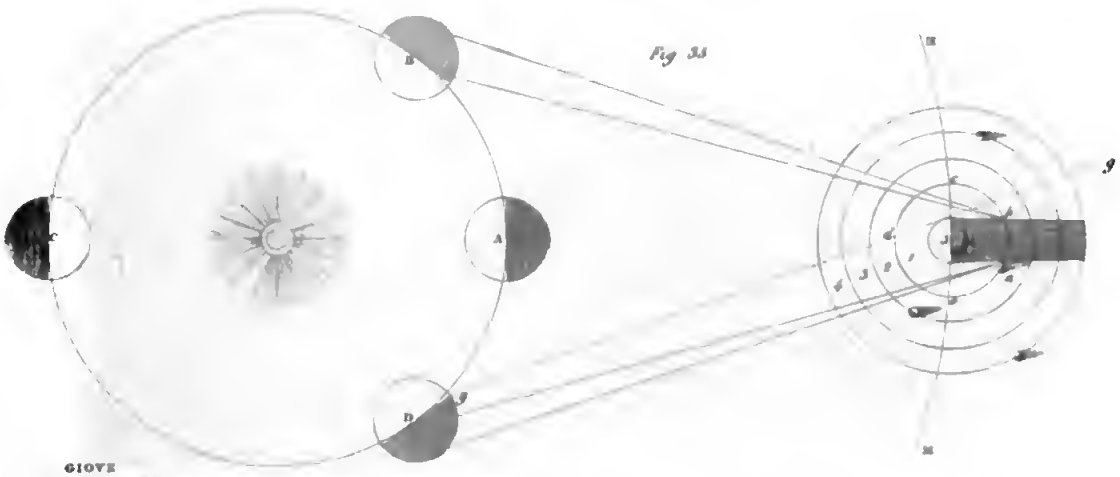


Fig 35

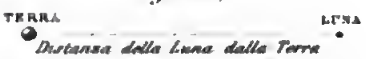


GIOVE
e i suoi Satelliti

Fig 38

Distanza del quarto Satellite dal terzo

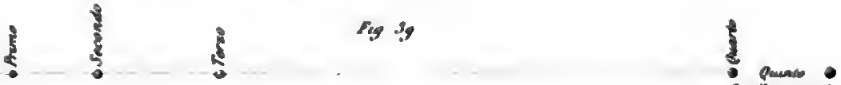
Fig 38 (bis)



Distanza della Luna dalla Terra

SATURNO
e i suoi Satelliti

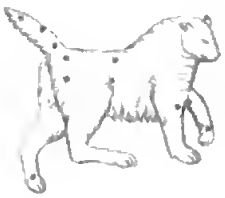
Fig 39



Quarto Satellite, tre volte la distanza del quarto.

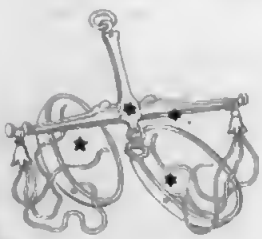
Emisfero Boreale

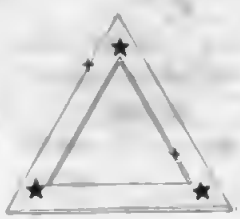
Fig 60



Digitized by Google

Emisfero Australe





Nome delle montagne e dei mari

1. Grimaldus
2. Galileus
3. Aristarchus
4. Keplerus
5. Gassendus
6. Schickardus
7. Harpalus
8. Heraclides
9. Lansbergius
10. Ranoldus
11. Copernicus
12. Helicon
13. Capuanus
14. Bullialdus
15. Eratosthenes
16. Timocharis
17. Plato
18. Archimedes
19. Insula sinus medii
20. Pitatus
21. Tycho
22. Eudoxus
23. Aristoteles
24. Manilius

Fig. 42

25. Menelaus
26. Hermes
27. Possidonius
28. Diomedes
29. Plinius
30. Catharina, Cyrillus, Theophilus
31. Procellarum
32. Promontorium acutum, Cancrorum
33. Messala
34. Promontorium Somnii
35. Proclus
36. Cleomedes
37. Snellius et Furnerius
38. Petavius
39. Langrenus
40. Taruntius
A. Mare Humorum
B. Mare Nubium
C. Mare Imbrium
D. Mare Nectaris
E. Mare Tranquillitatis
F. Mare Serenitatis
G. Mare Foecunditatis
H. Mare Crisium

Digitized by Google

Fig 43

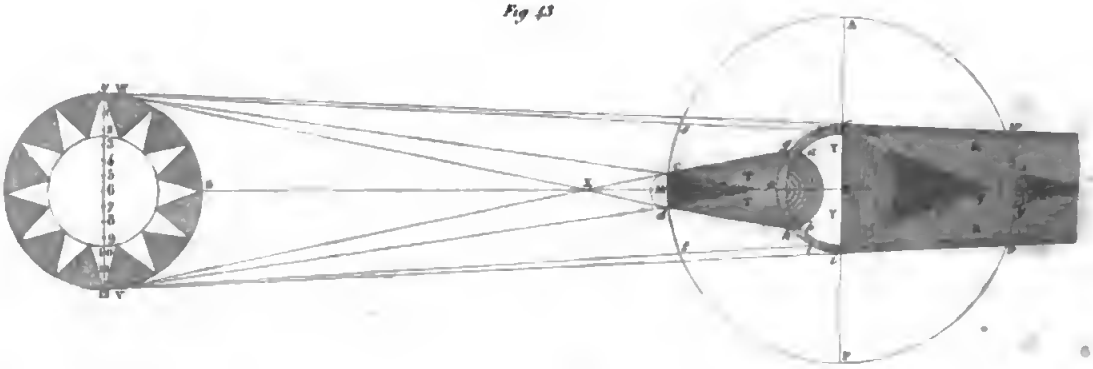


Fig 44

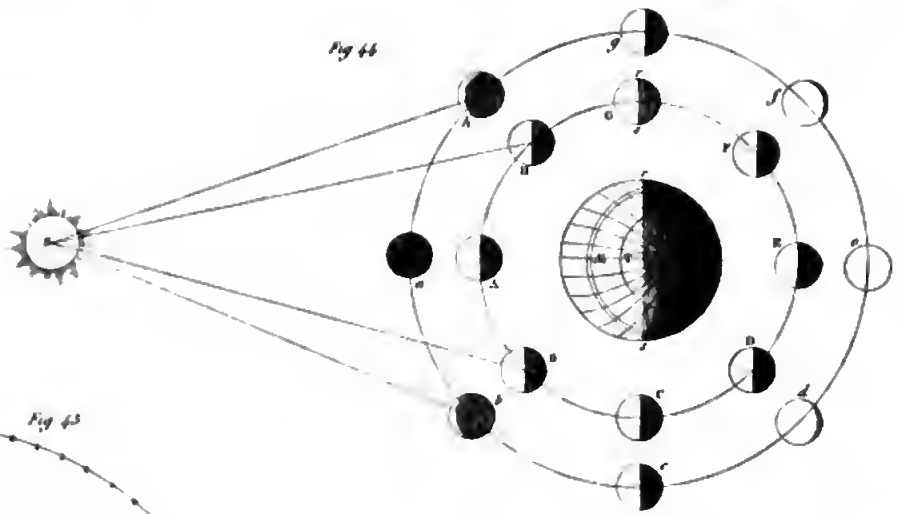
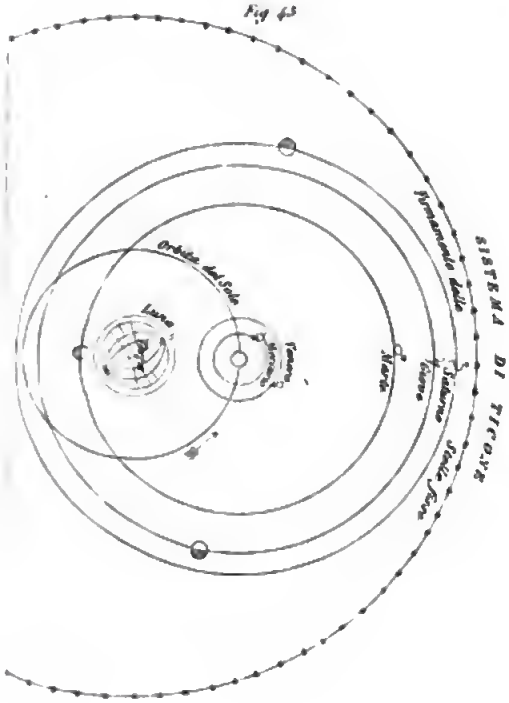


Fig 45



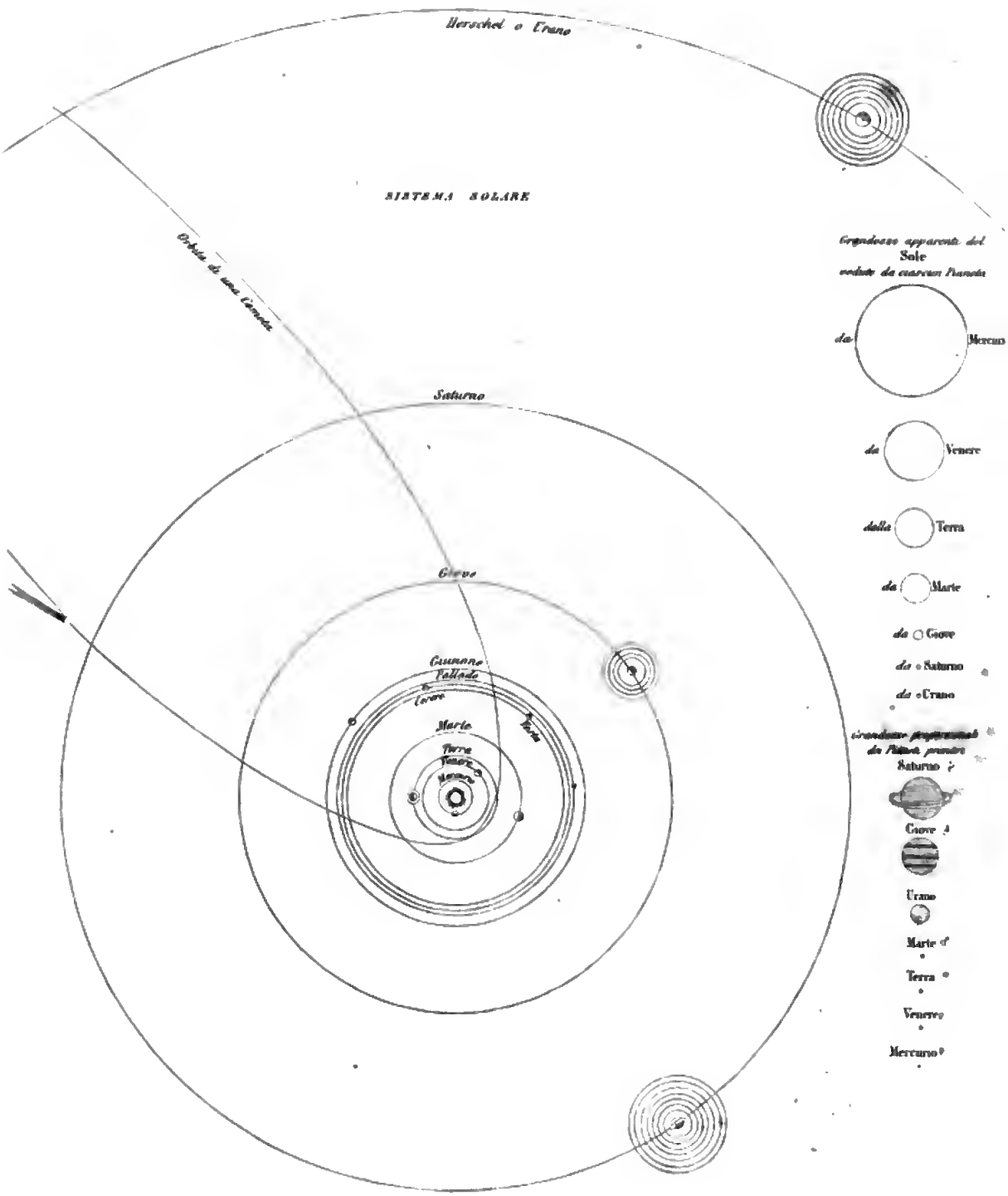
SISTEMA DI TOLOMEO Fig 46

Digitized by Google

ASTRONOMIA

SISTEMA SOLARE

Fig 47



ASTRONOMIA

SFERA ARMILLARE – ROTAZIONE DELLA TERRA

Fig 48

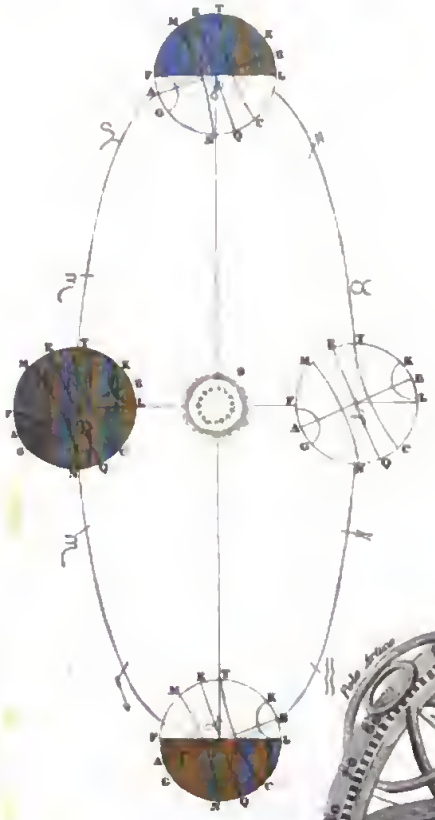


Fig 49

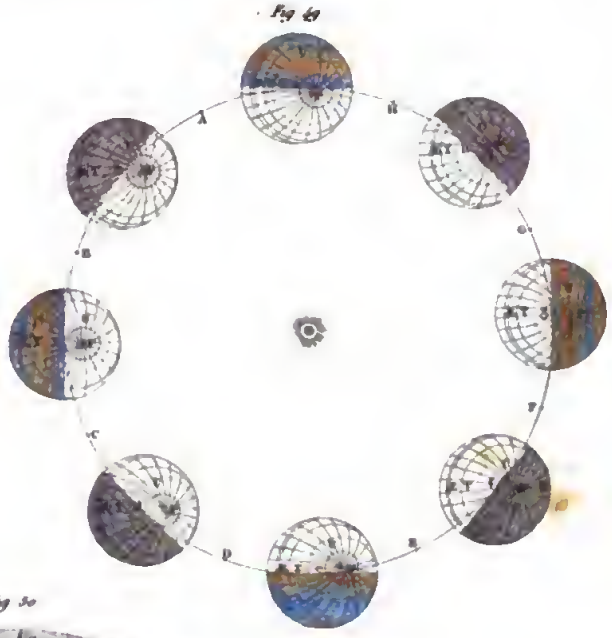
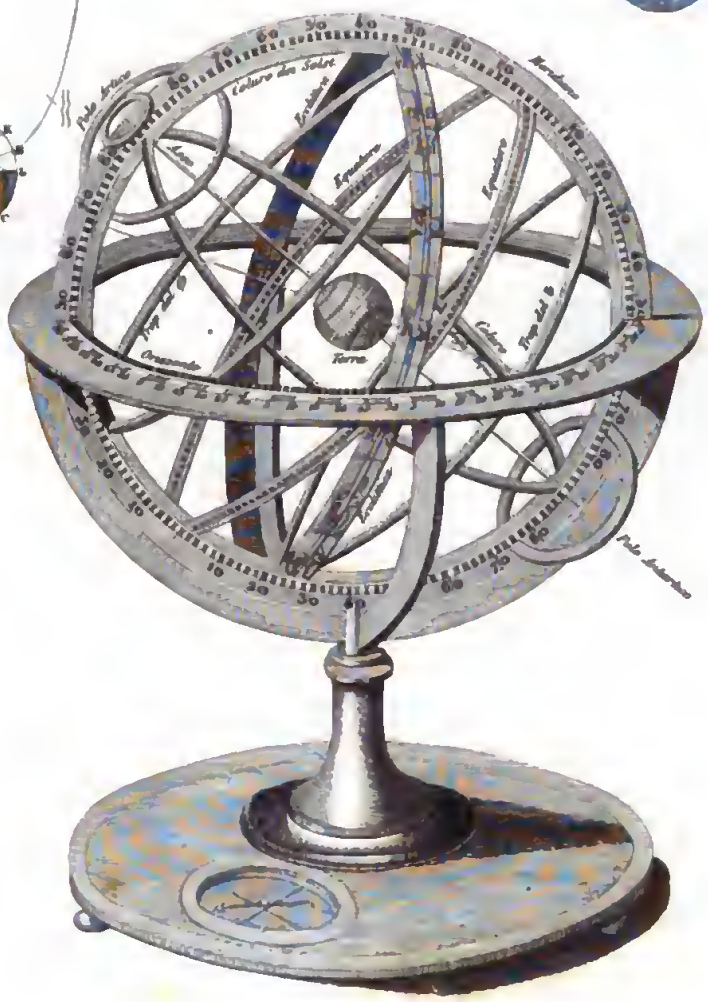


Fig 50



Digitized by Google

Fig. 1.

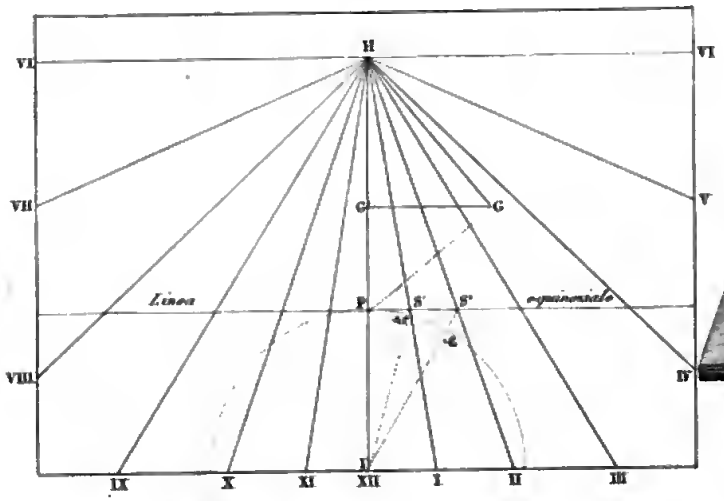


Fig. 3.

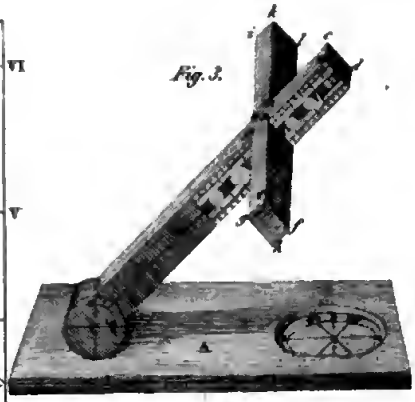


Fig. 7

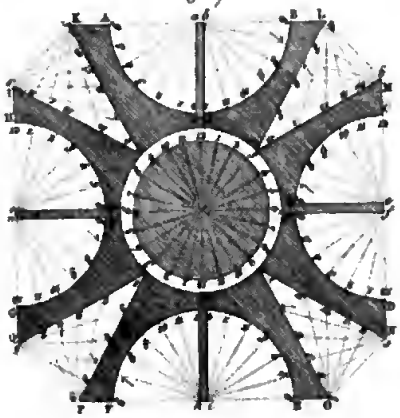


Fig. 5.

Fig. 6.

Fig. 2

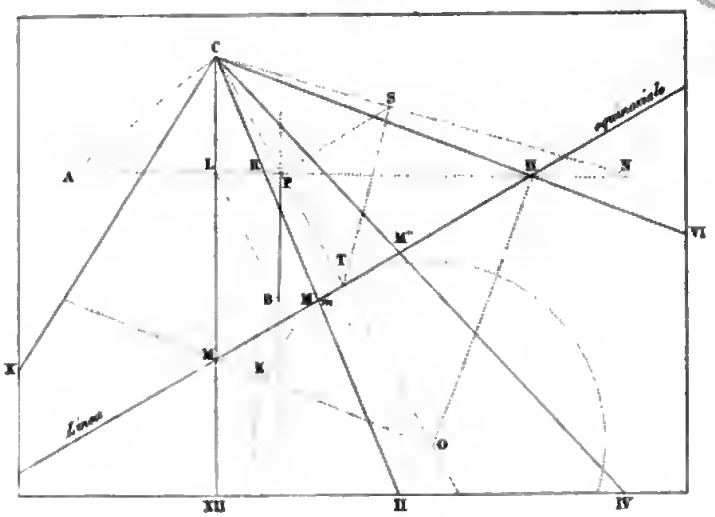
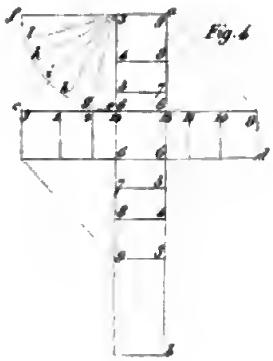


Fig. 4



STRUMENTI

Fig. 1

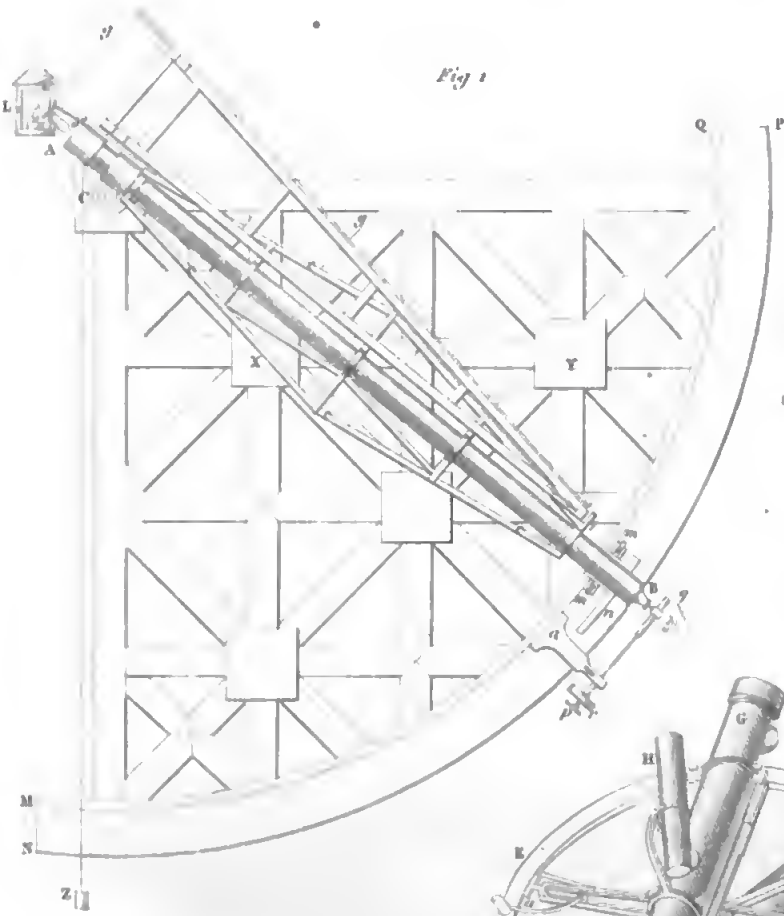


Fig. 2

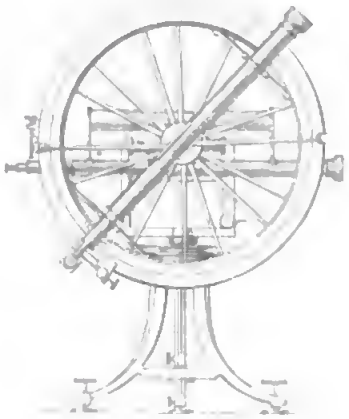
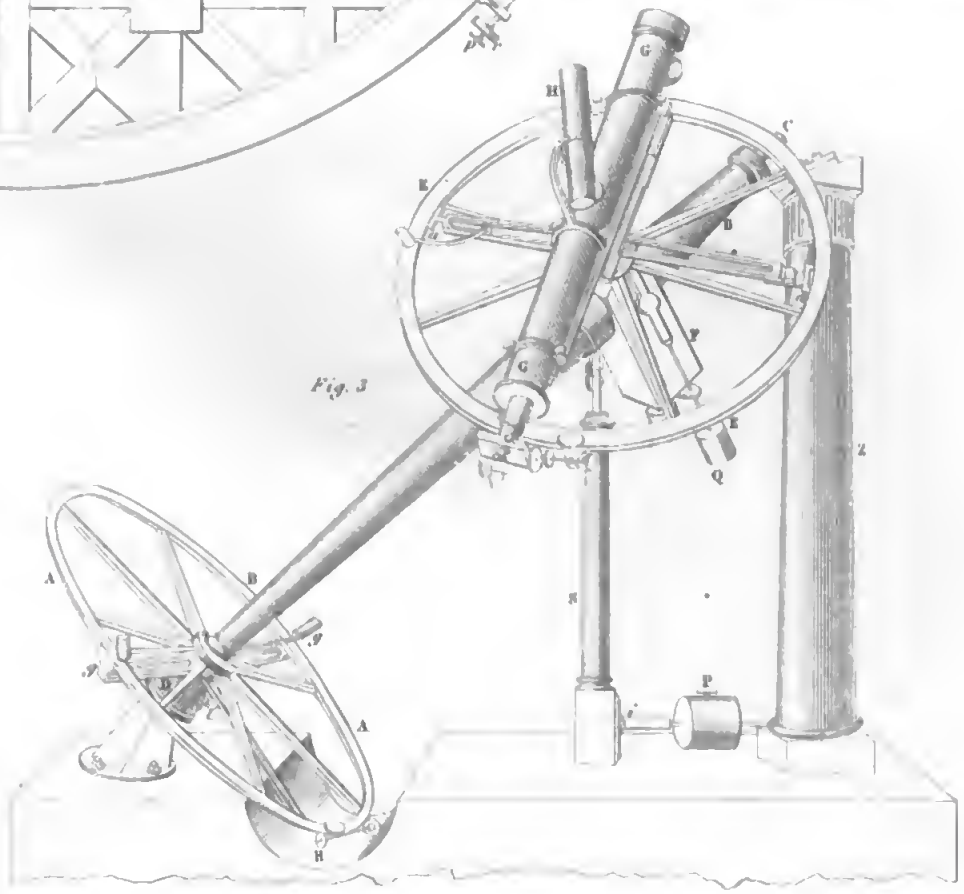


Fig. 3



Digitized by Google

Fig 1

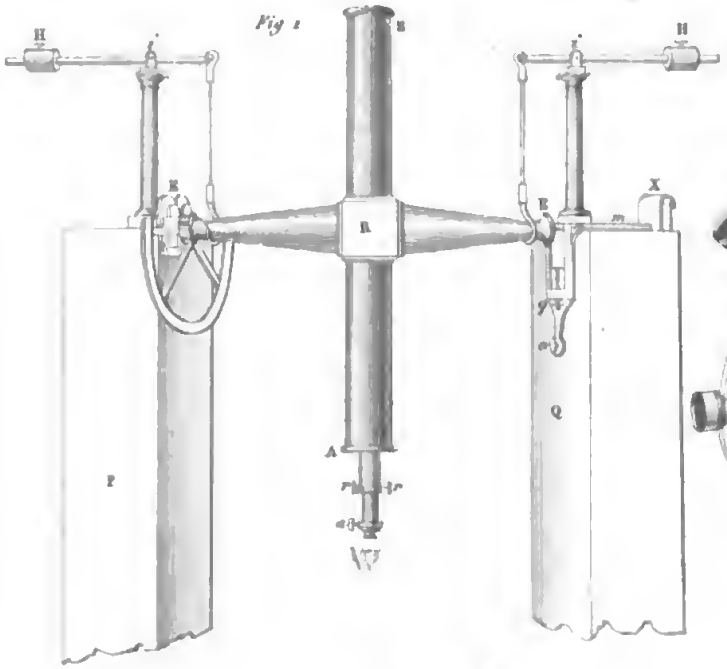


Fig 2

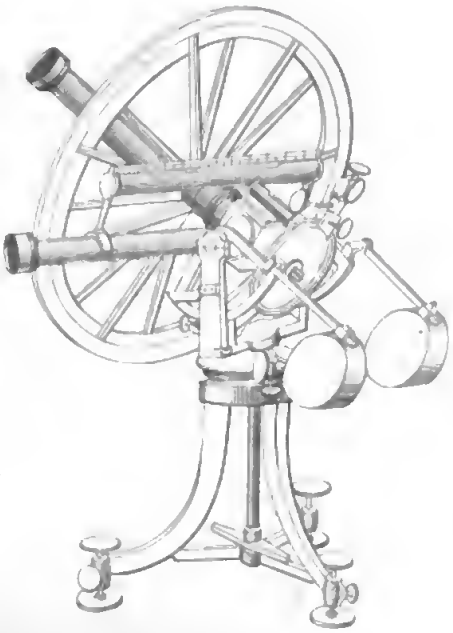


Fig 3

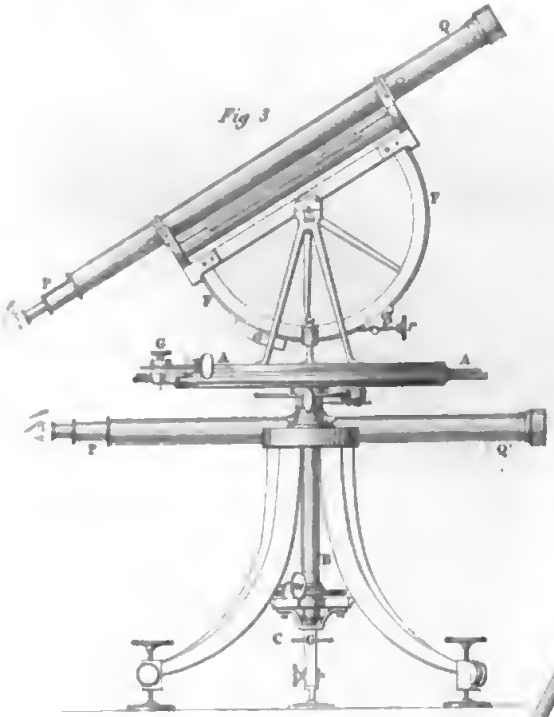
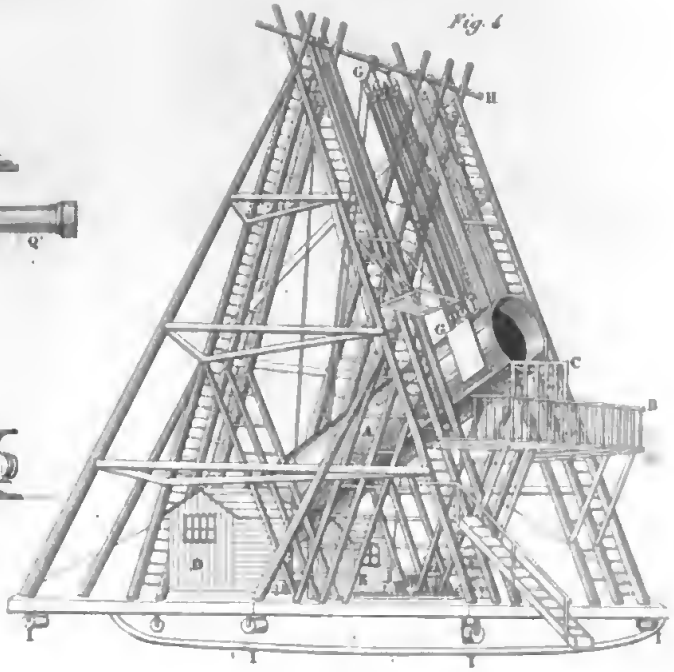


Fig 4



Digitized by Google

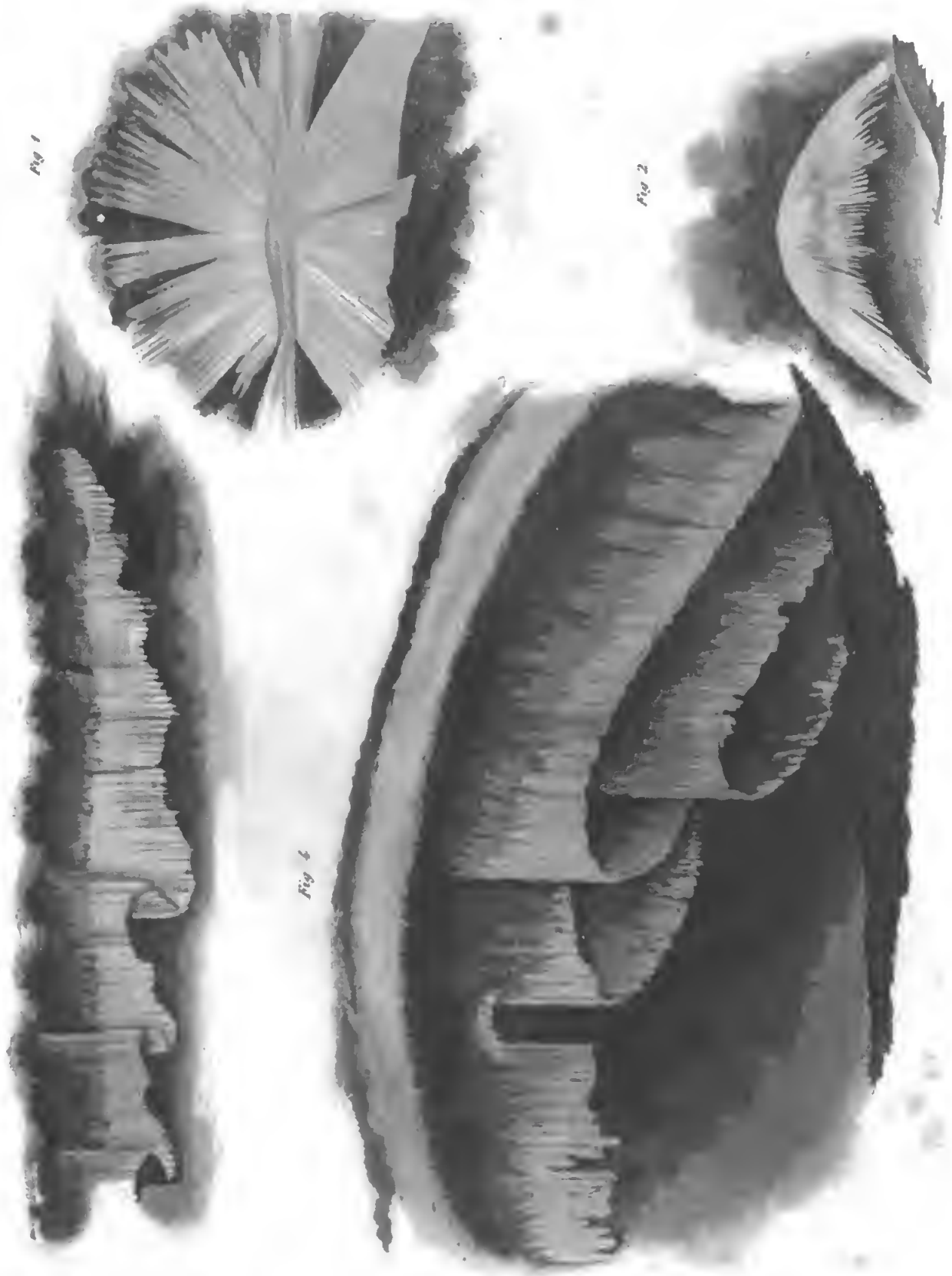
AURORE BOREALI
(FISICA)

Fig. 1

Fig. 2.

Digitized by Google

AURORE BOREALI
(FISICA)



Digitized by Google

ARTI E MESTIERI

CANDELE DI CERA E CERALACCA

Fig. 1.

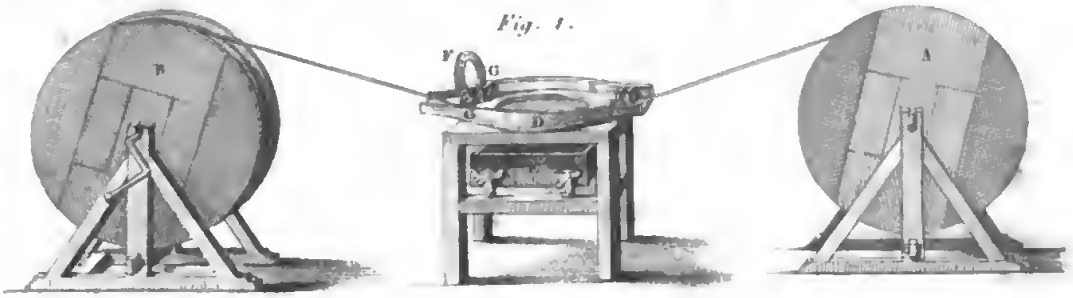
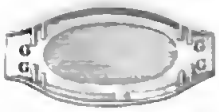


Fig. 2



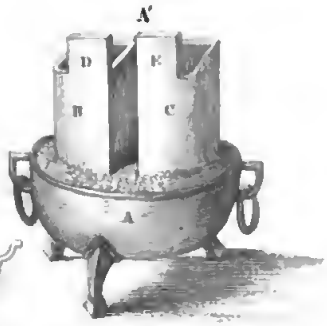


Fig. 3

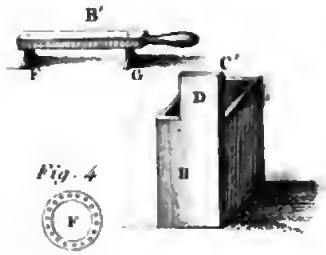


Fig. 4

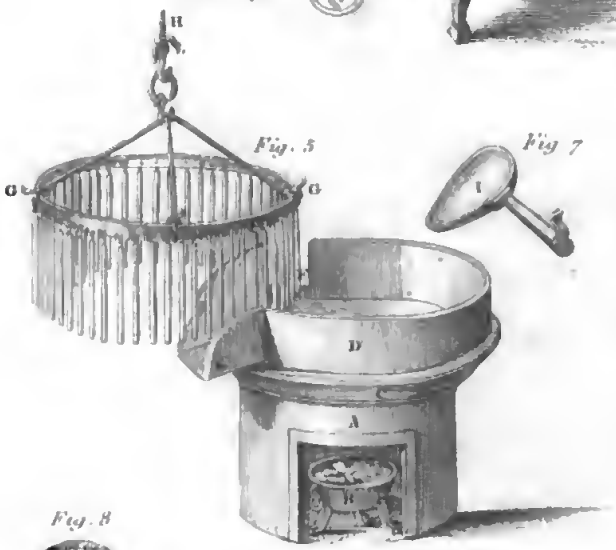


Fig. 7

Fig. 6

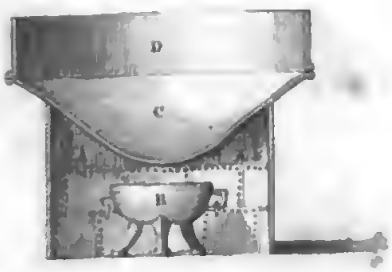


Fig. 8

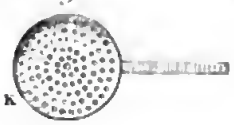
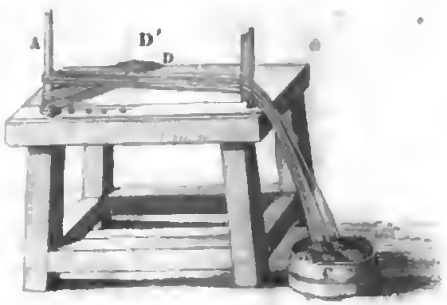


Fig. 10

Fig. 9



Digitized by Google

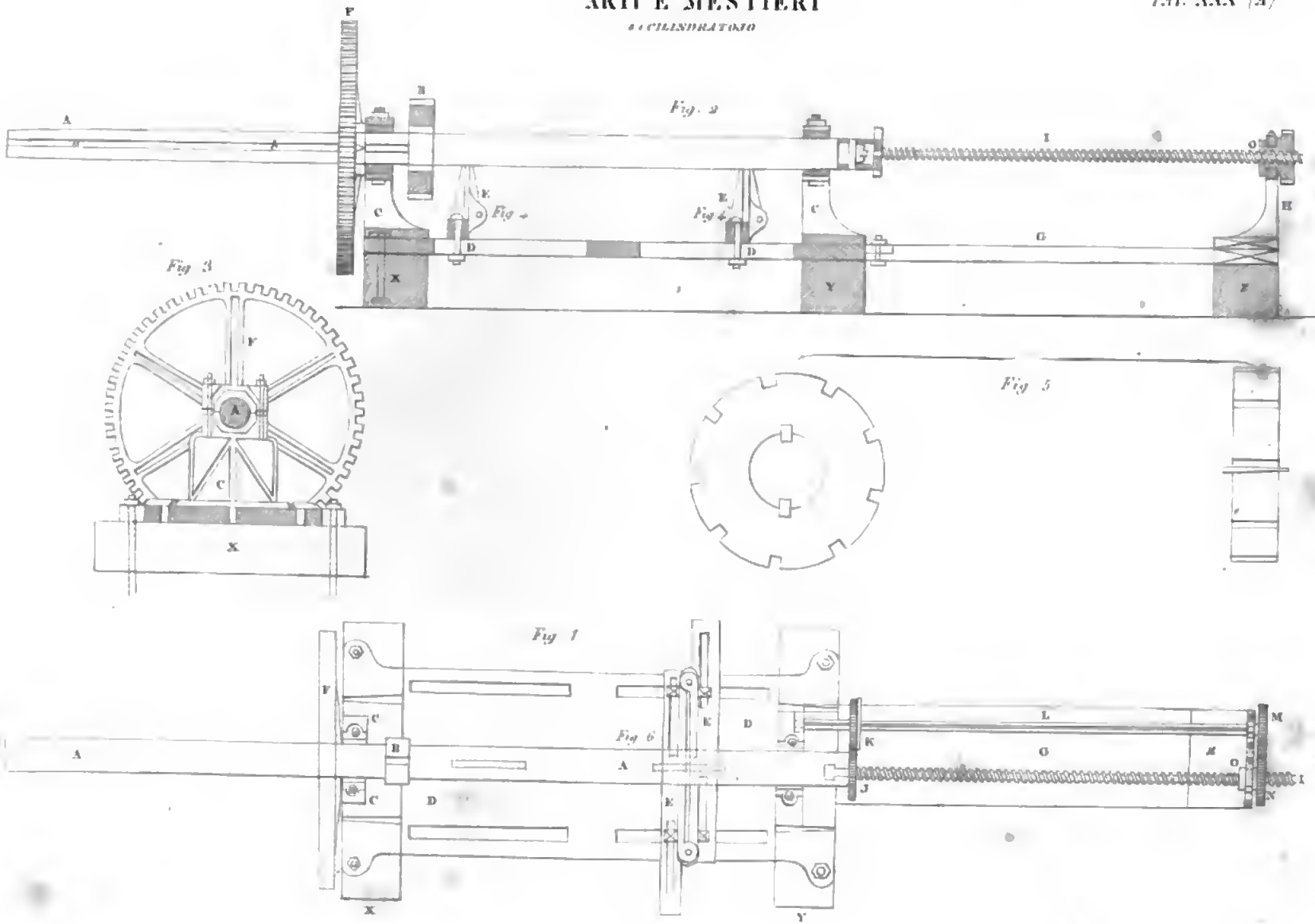
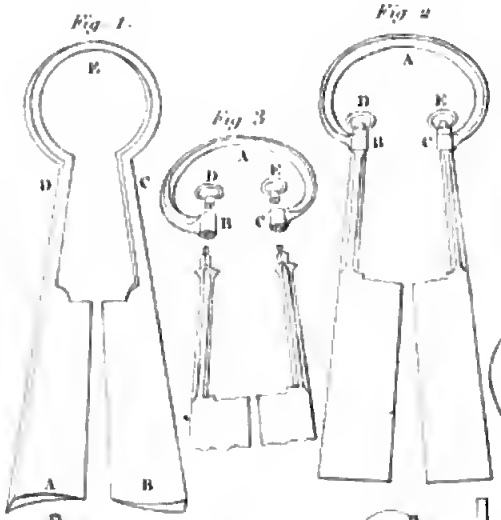
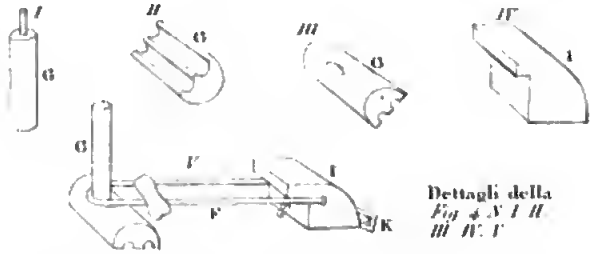


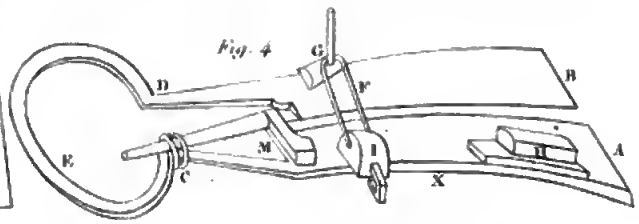
Fig. 2
Fig. 3
Fig. 5
Fig. 1
Fig. 6
Fig. 4
Fig. 4
A
B
C
D
E
F
G
H
I
K
L
M
N
O
X
Y

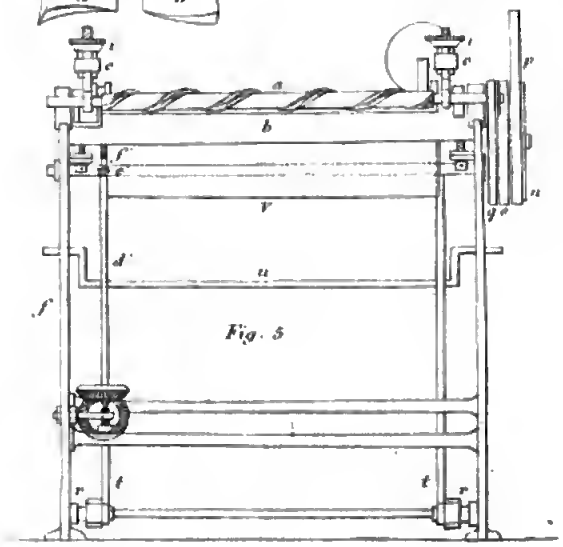
ARTI E MESTIERI

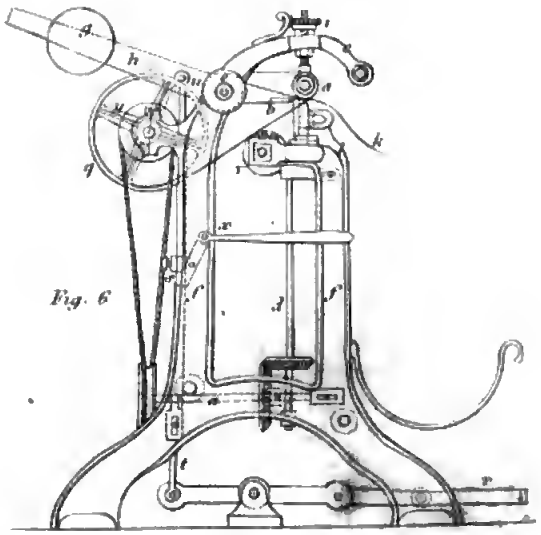
CIMATURA

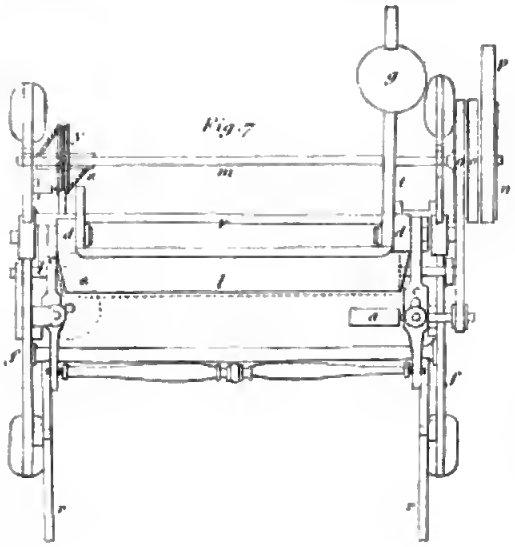




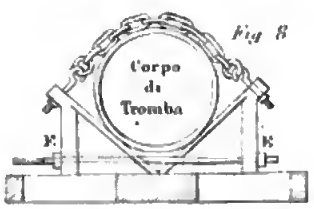




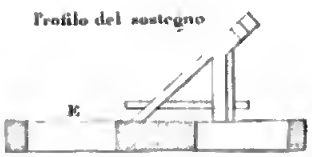




Piano del sostegno



Profilo del sostegno



FILATURA

Fig. 1

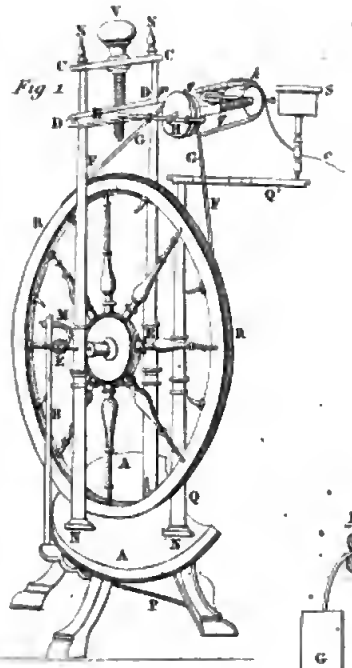


Fig. 3.

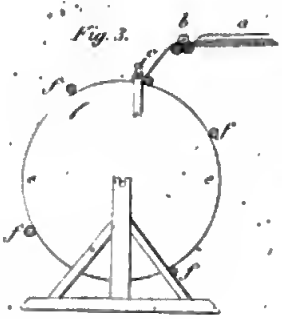


Fig. 2

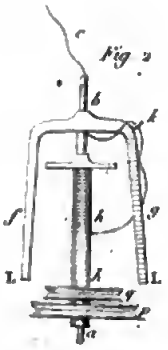


Fig. 4.

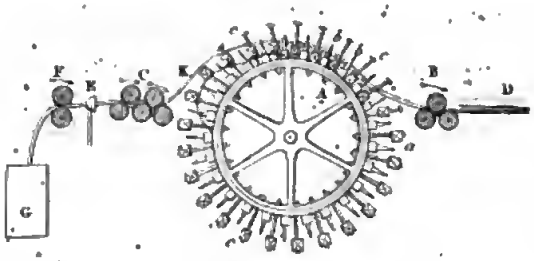


Fig. 5.

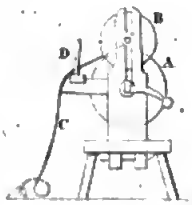


Fig. 6

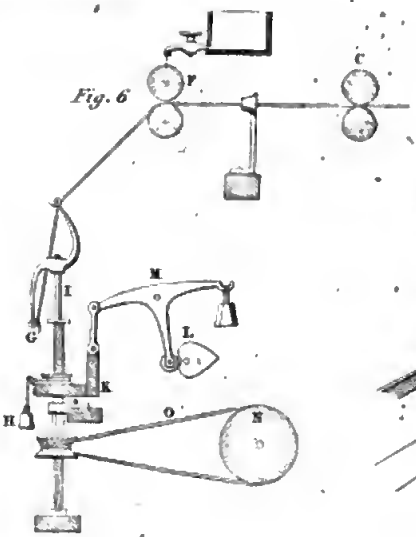


Fig. 7.

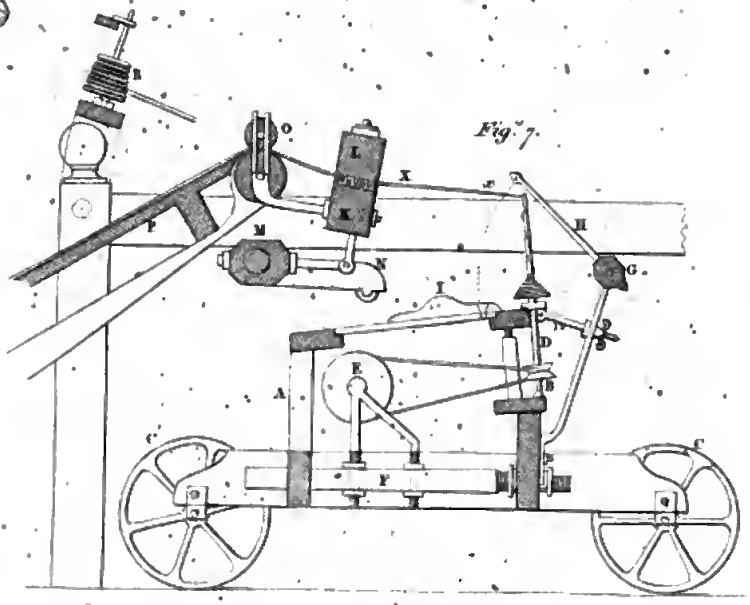
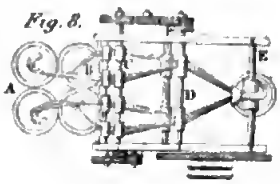


Fig. 8.



FILATURA

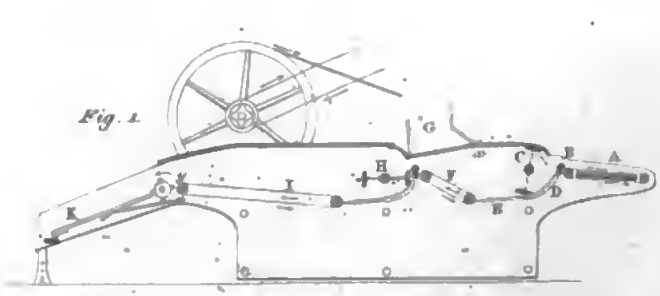


Fig. 1.

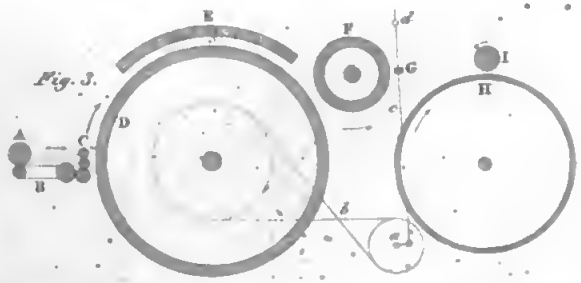


Fig. 3.

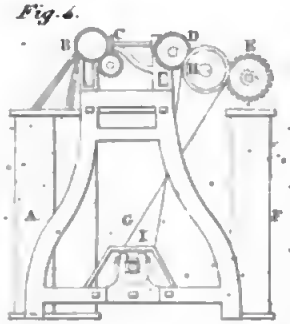


Fig. 4.

Fig. 2.

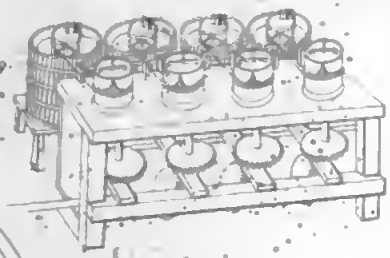


Fig. 9.

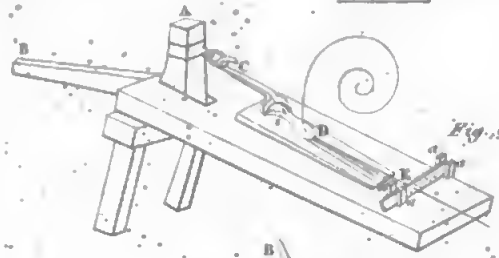


Fig. 6.

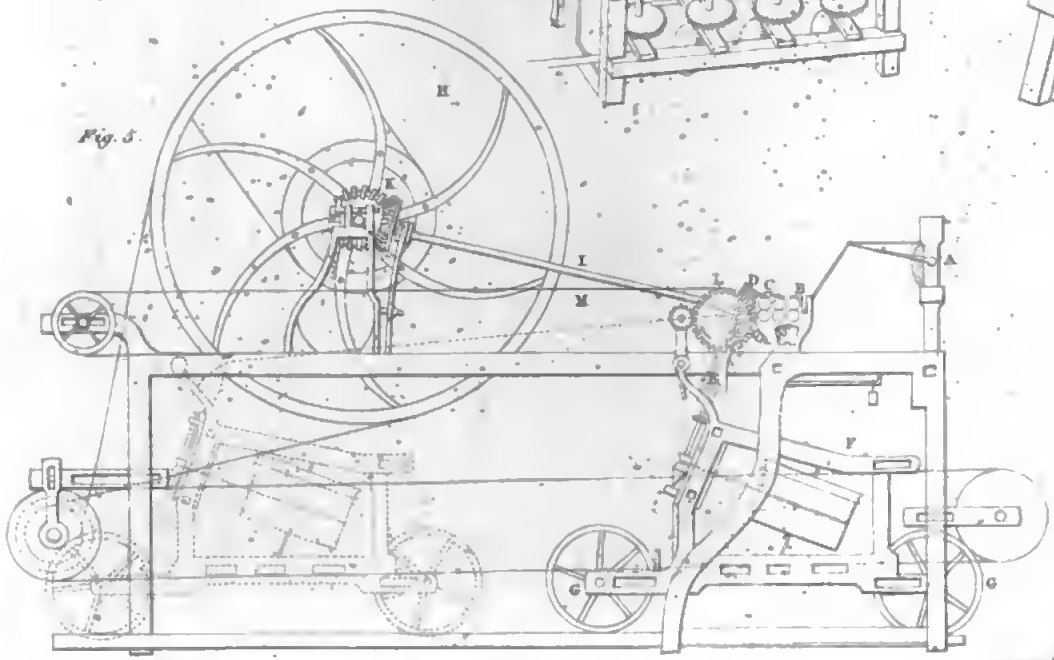


Fig. 5.

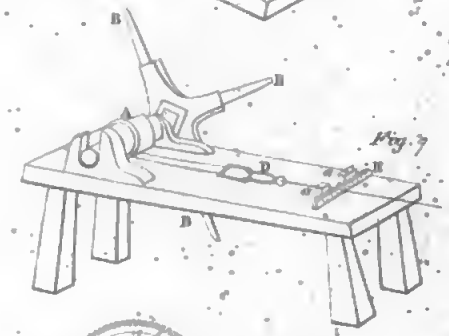


Fig. 7.

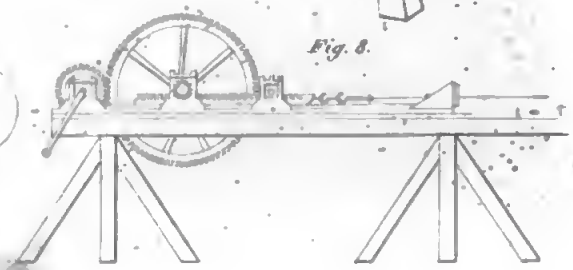


Fig. 8.

FRIZZONE, FUCINA, TRAFILA

Fig. 1.

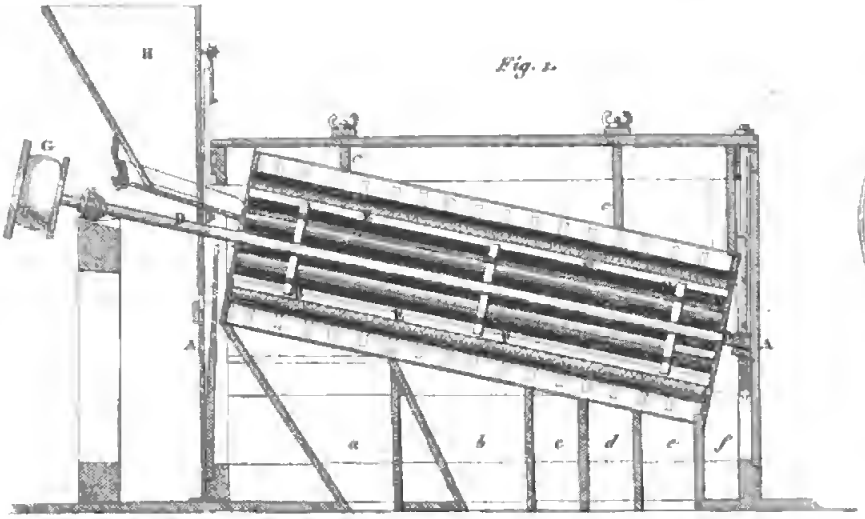


Fig. 2.

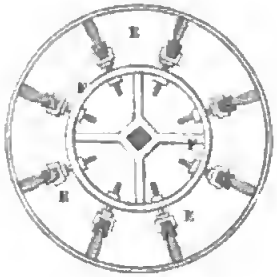


Fig. 3.

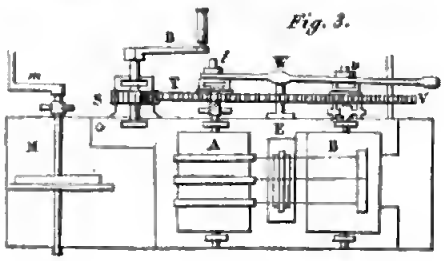


Fig. 4.

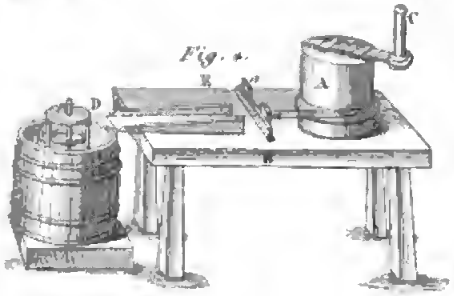


Fig. 7.

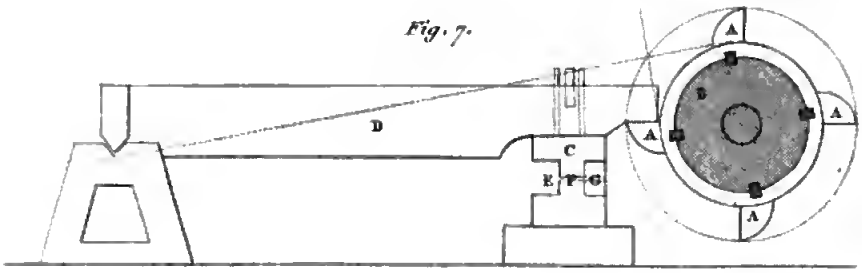


Fig. 5.

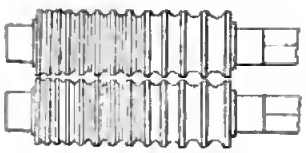


Fig. 8.

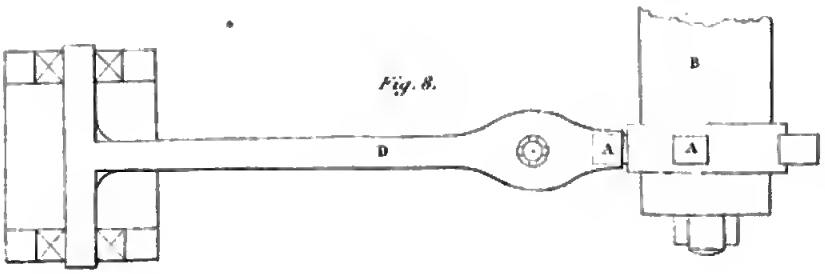
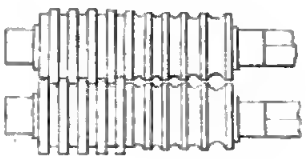


Fig. 6.



GETTO

Fig. 1.

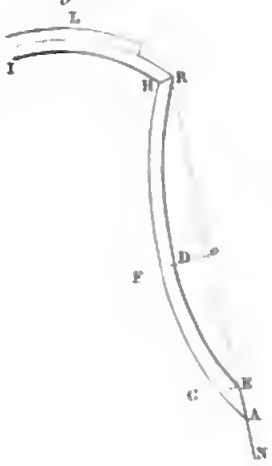


Fig. 2

Fig. 3

Fig. 6

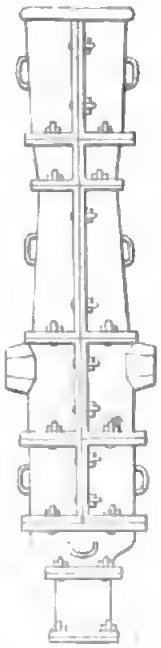


Fig. 4

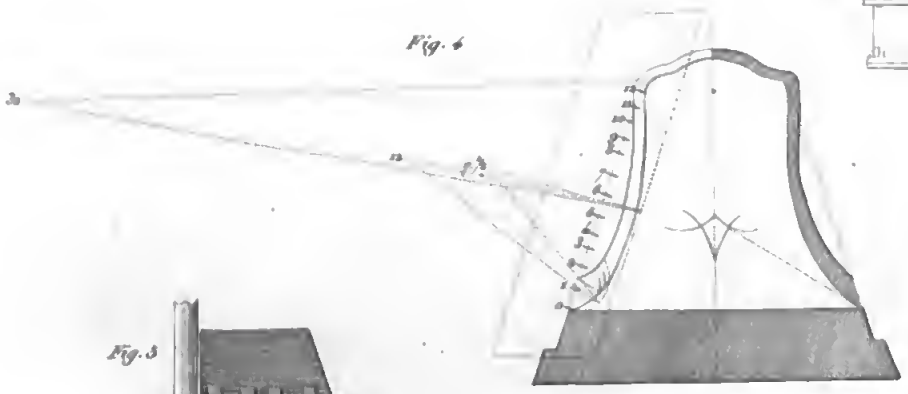


Fig. 5

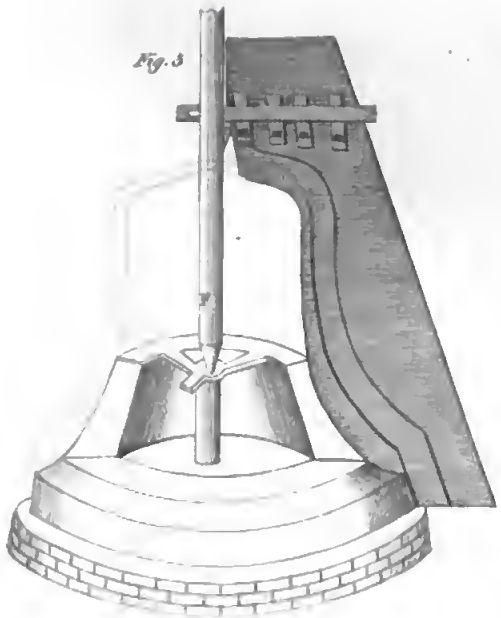
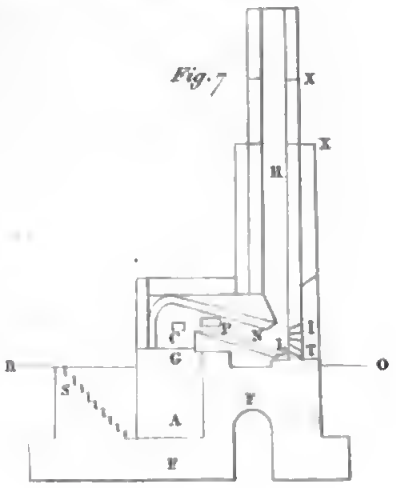


Fig. 7



Digitized by Google

MAGLIA

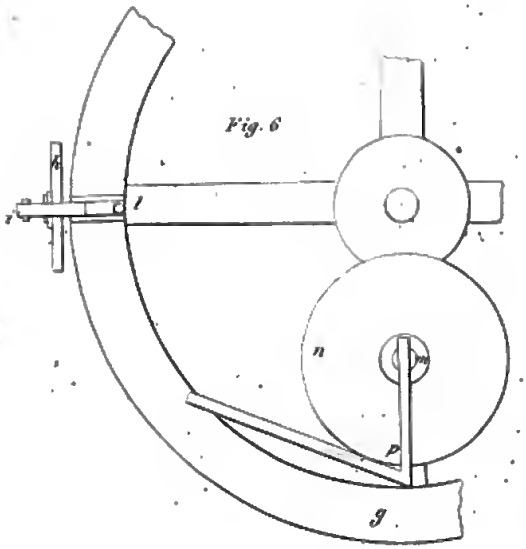


Fig. 6

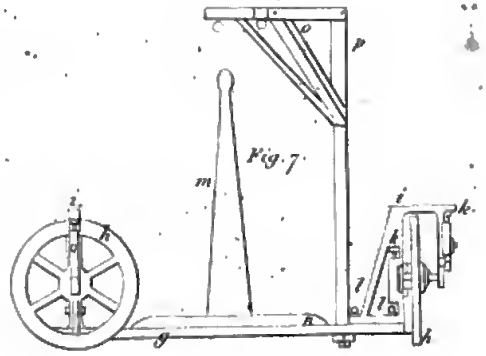


Fig. 7

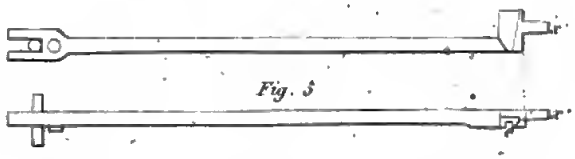


Fig. 5

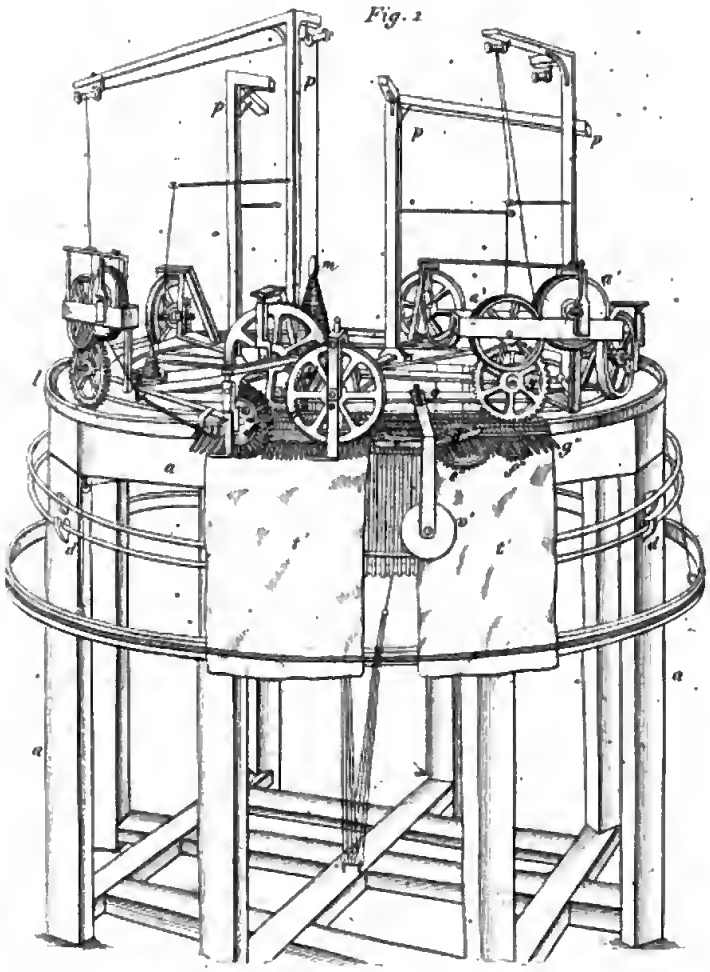


Fig. 2

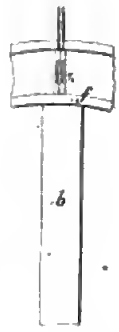


Fig. 3

Fig. 4

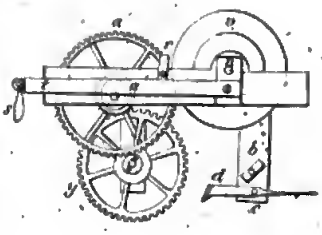


Fig. 8

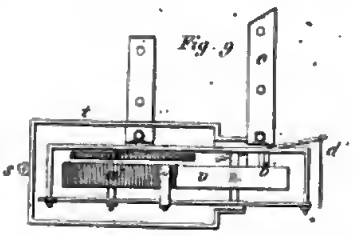
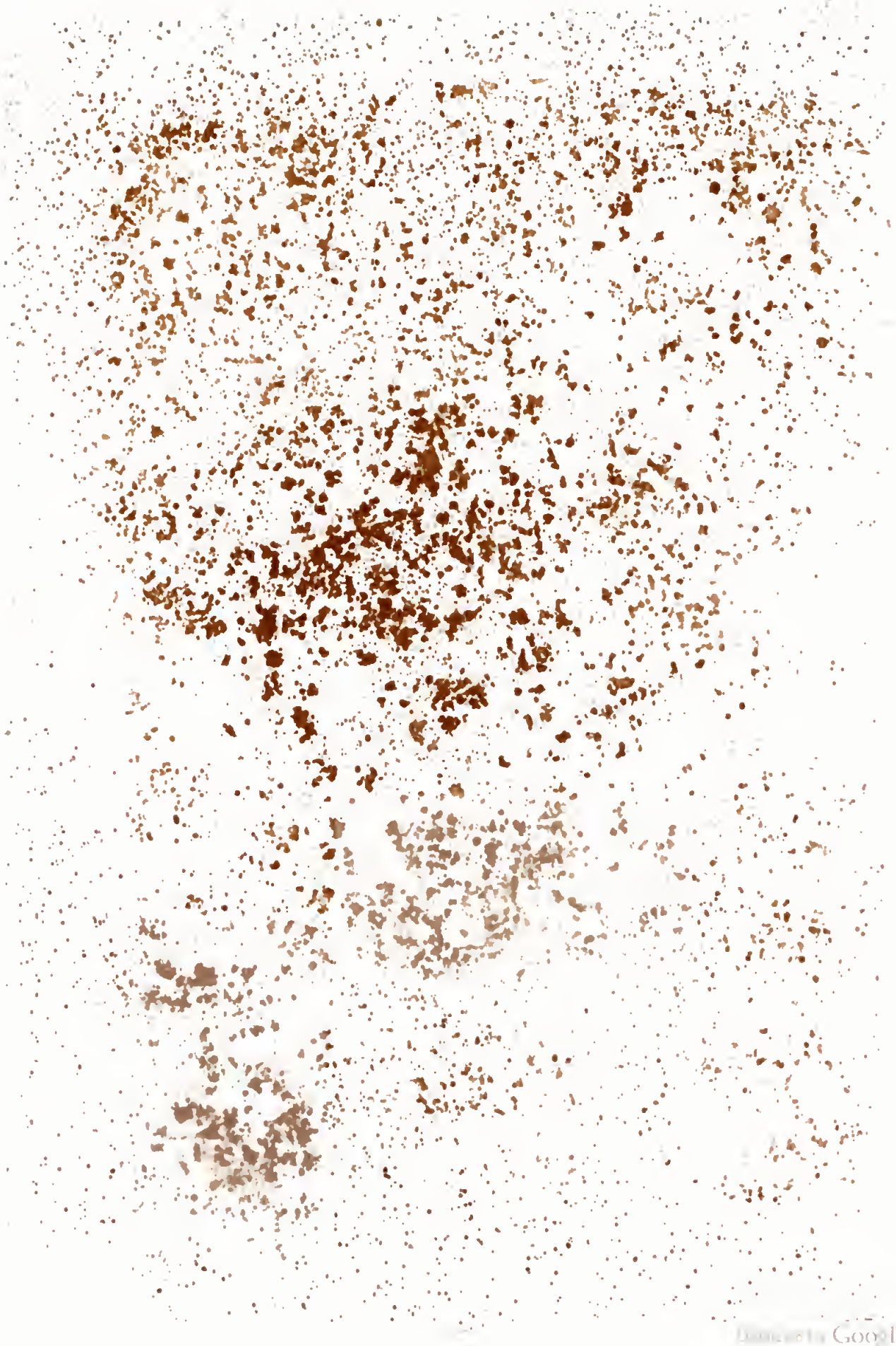


Fig. 9

Digitized by Google

Fig. 10
Fig. 11
Fig. 12
Fig. 13
Fig. 14
Fig. 15
Fig. 16
Fig. 17
Fig. 18
Fig. 19



STAMPA

Fig. 1

Compositojo

Copia di caose

Fig. 2

1 Quadrat
2 Quadrelloni
3 Quadroni
4 Spazi
5 Spazi finissimi
6 Idem
7 Idem

Torchio Stanhope

Fig. 3

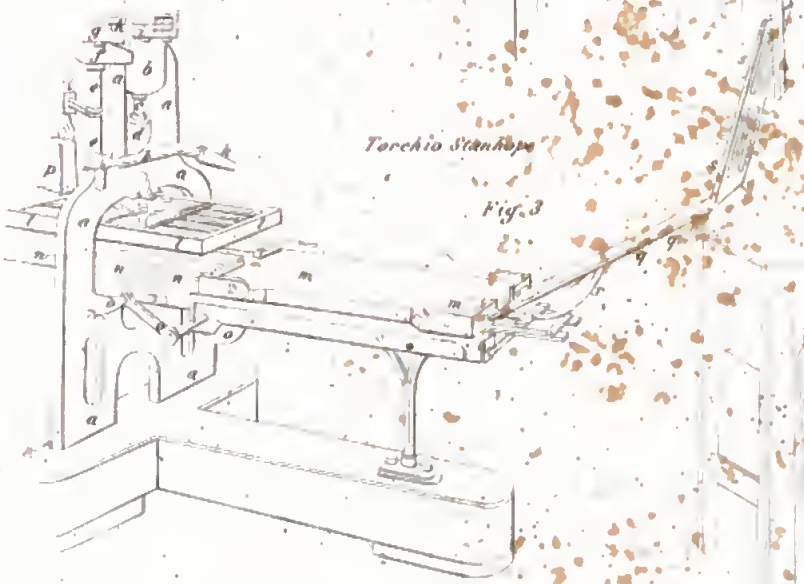
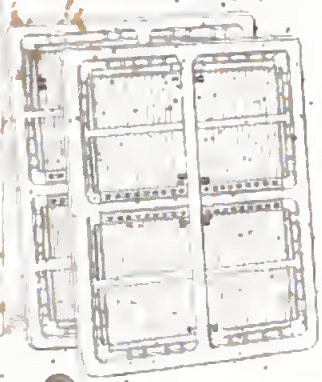


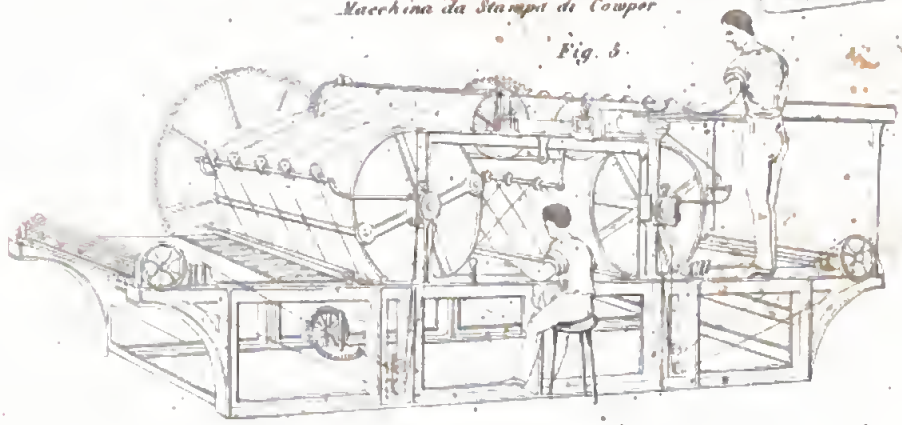
Fig. 4

Due forme componenti la bianca e la volta di un foglio in 8.°



Macchina da Stampa di Cowper

Fig. 5



TINTURA

Fig 1.

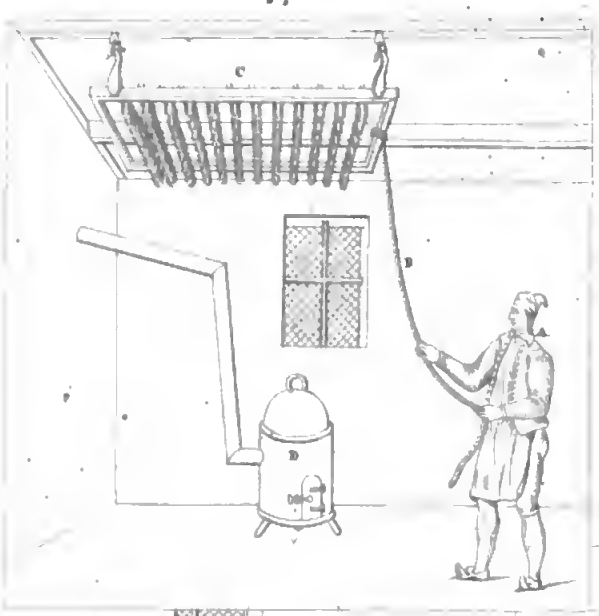


Fig. 2

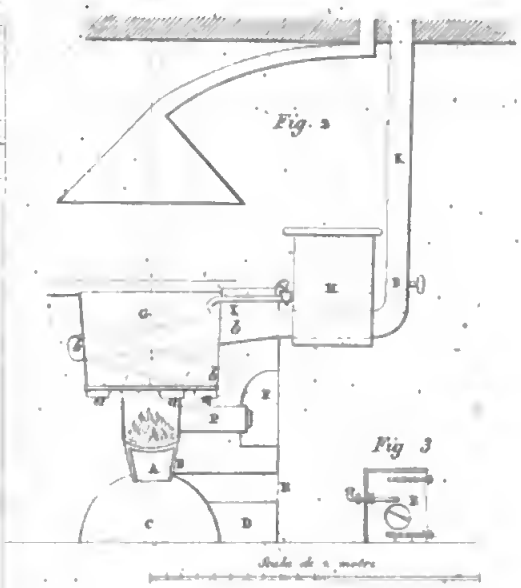


Fig 3

Fig. 4

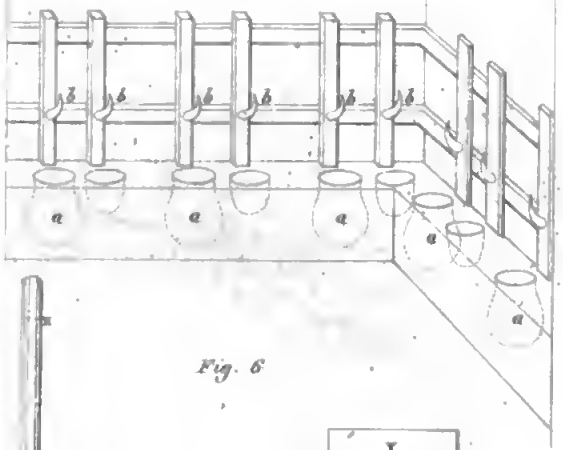


Fig. 5

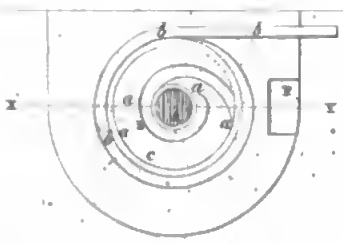


Fig. 6

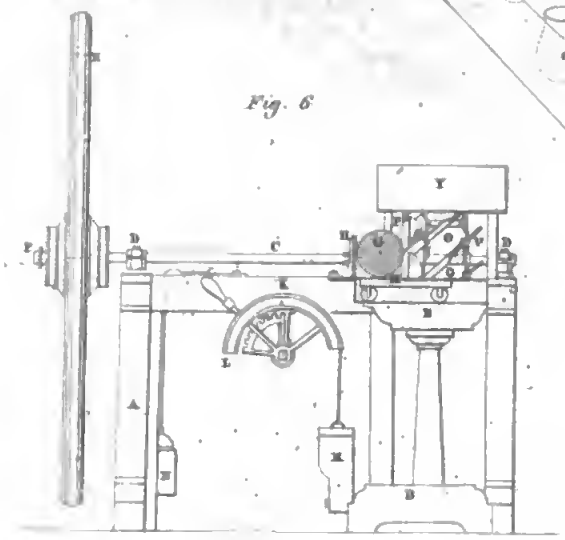
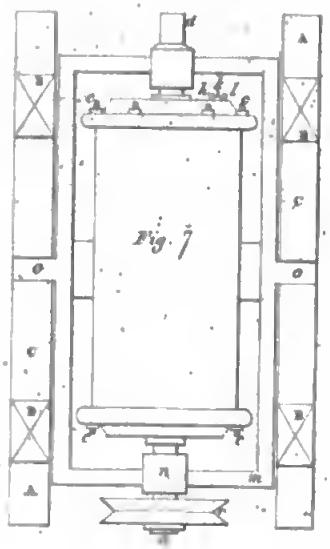


Fig. 7



Digitized by Google

TINTURA

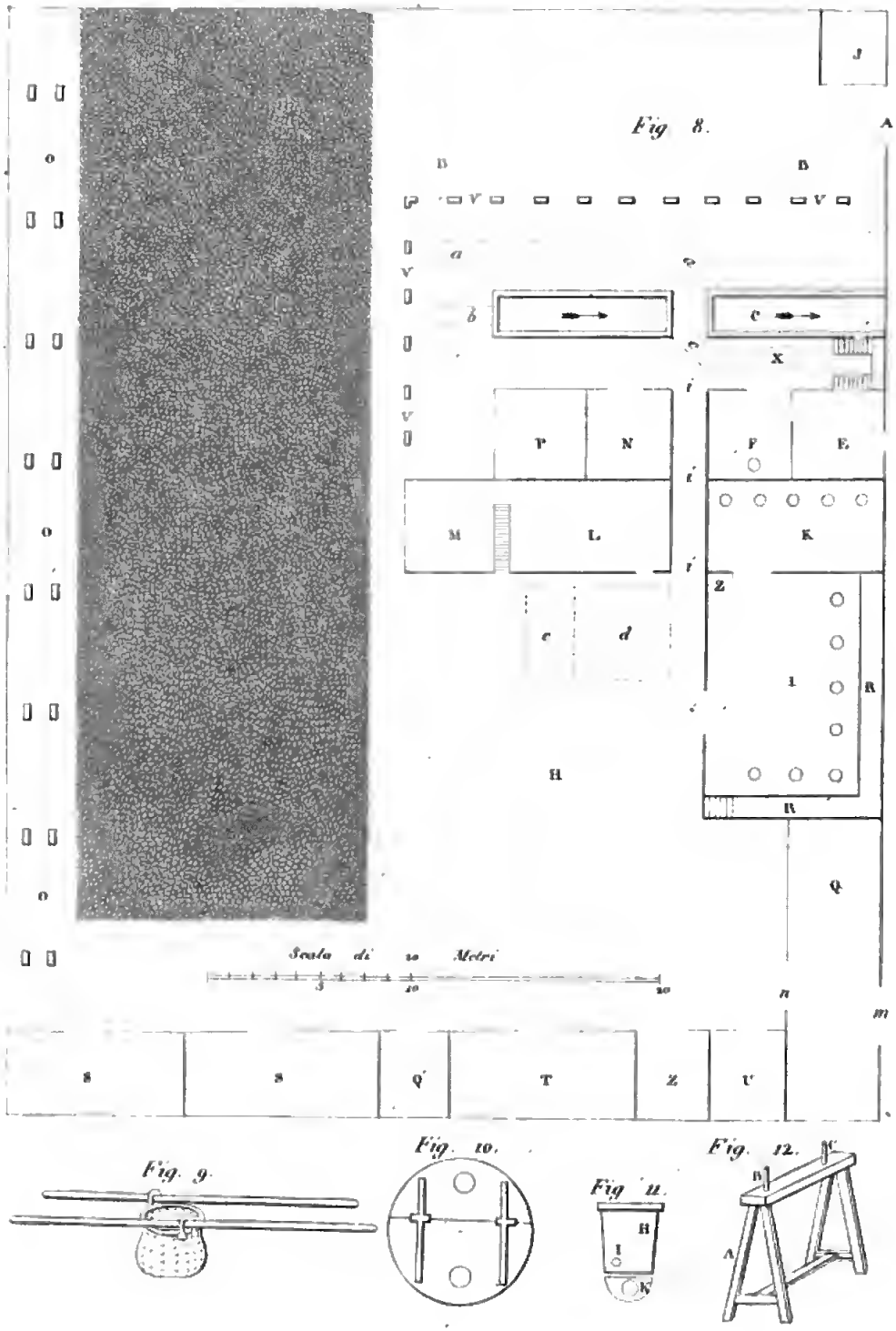


Fig. 9.

TINTURA

Fig. 13.

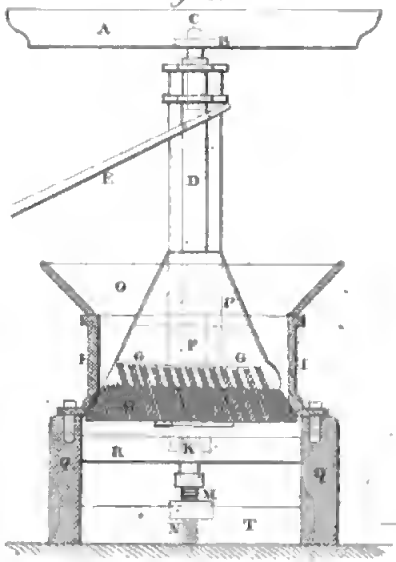


Fig. 14.

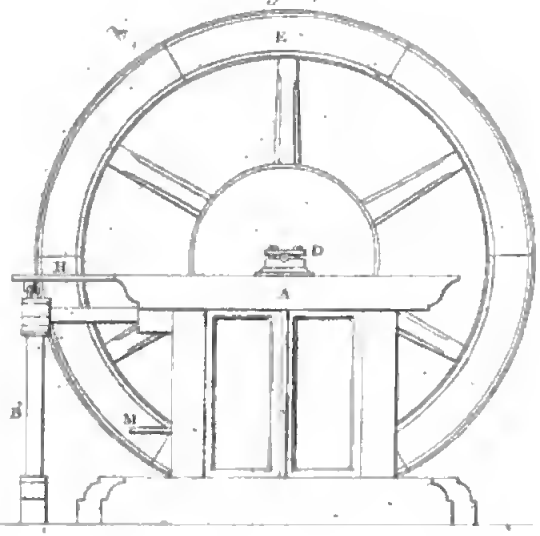


Fig. 15.

Fig. 16.

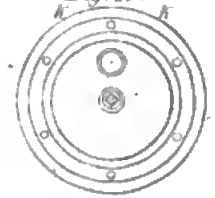


Fig. 17.

Fig. 18.

Fig. 19.

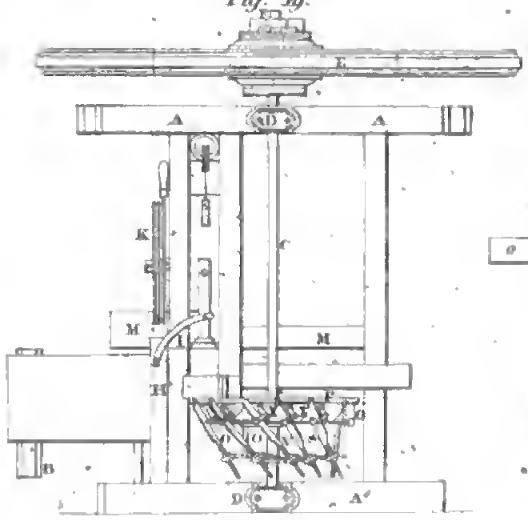


Fig. 20.

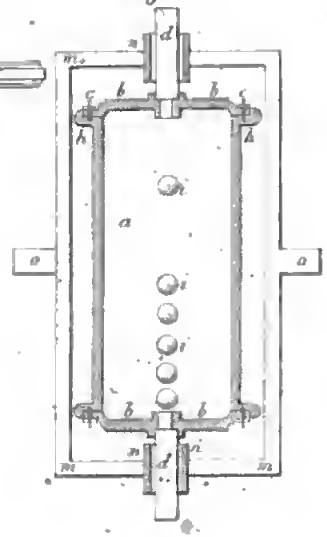
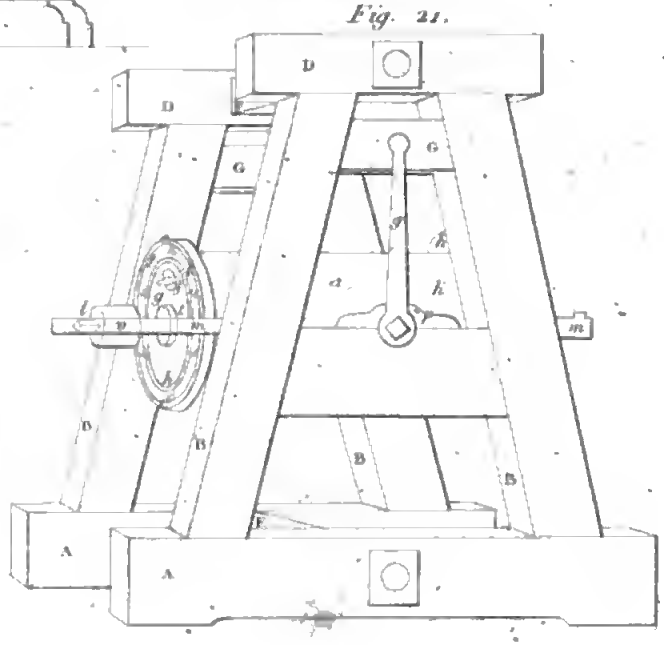


Fig. 21.



TINTURA

Fig. 22

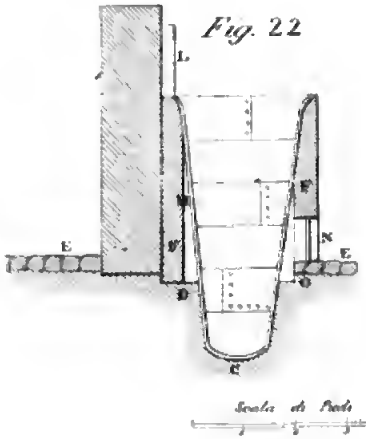


Fig. 23.

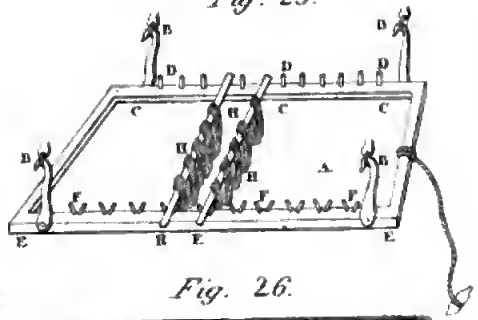


Fig. 25.

Fig. 24.

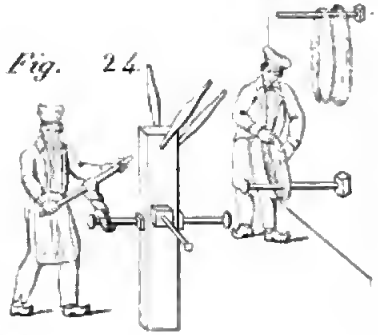


Fig. 26.

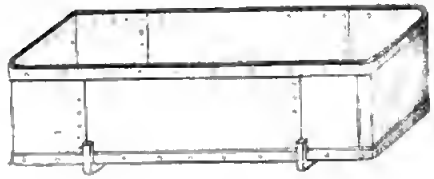


Fig. 27.

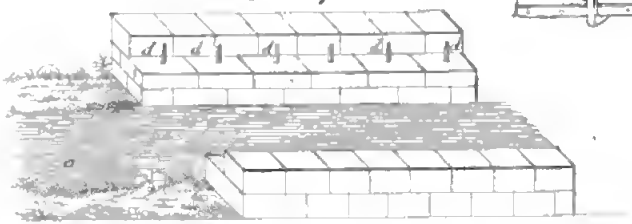


Fig. 28

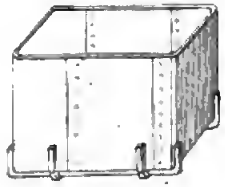


Fig. 29.

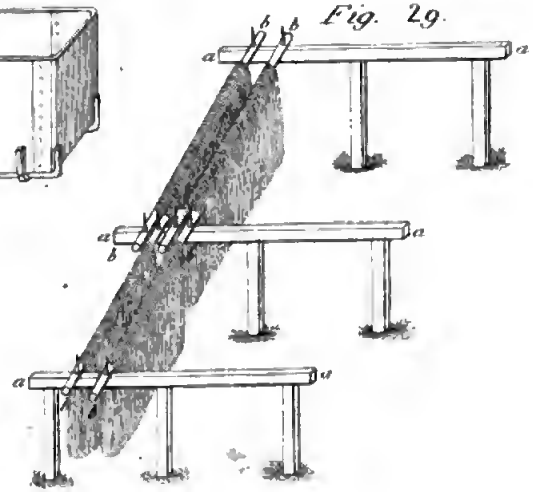
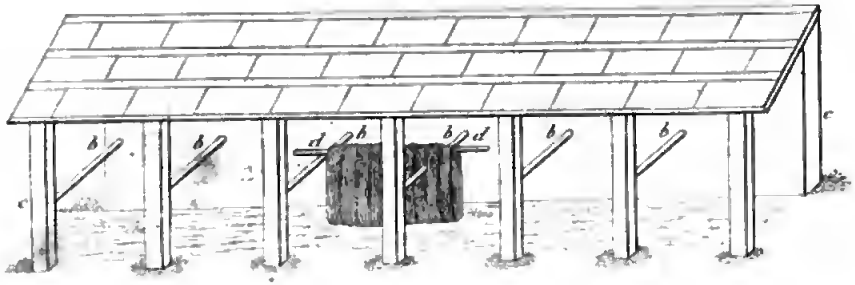
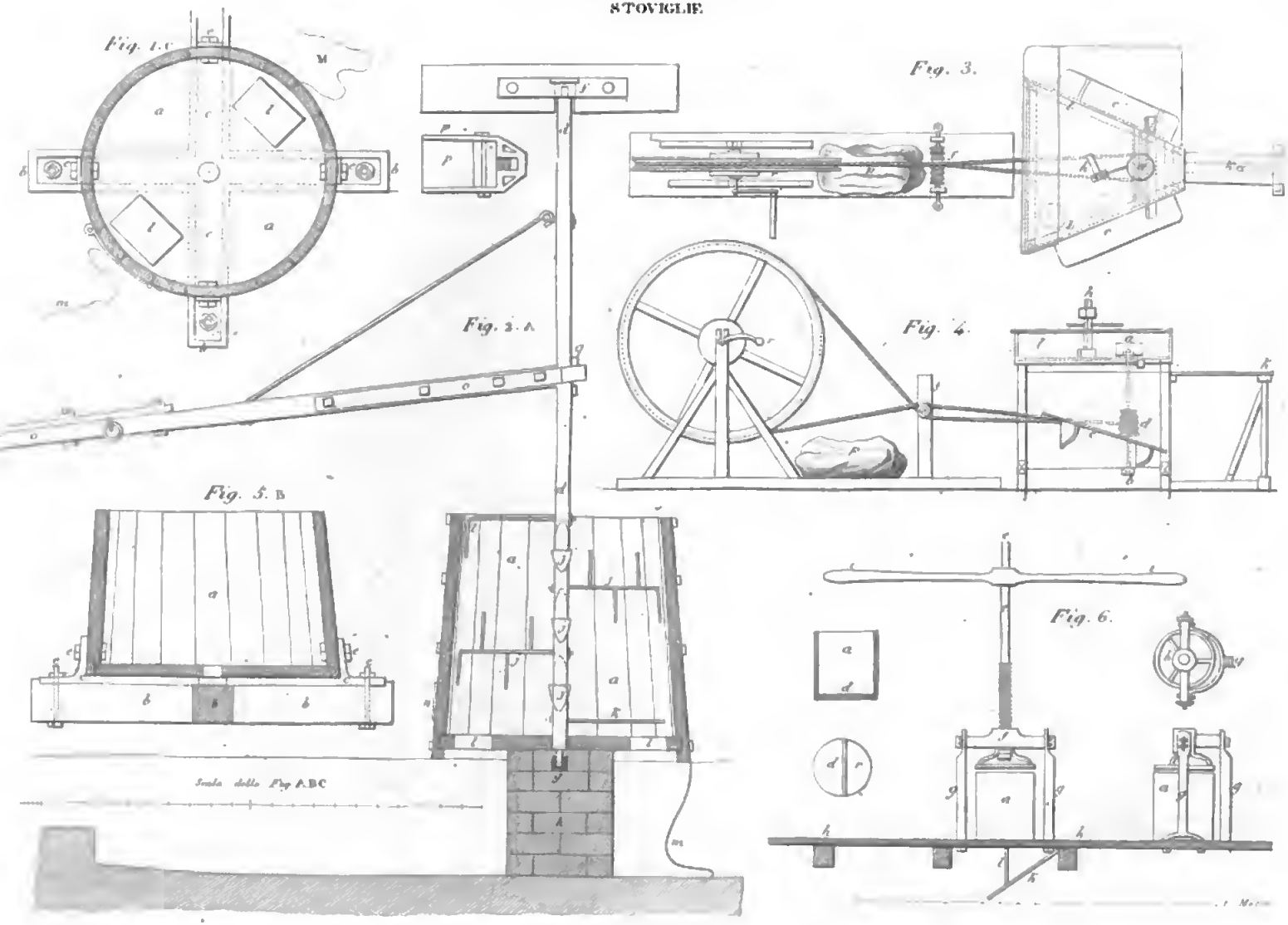


Fig. 30.



STOVIGLIE



STOVIGLIE

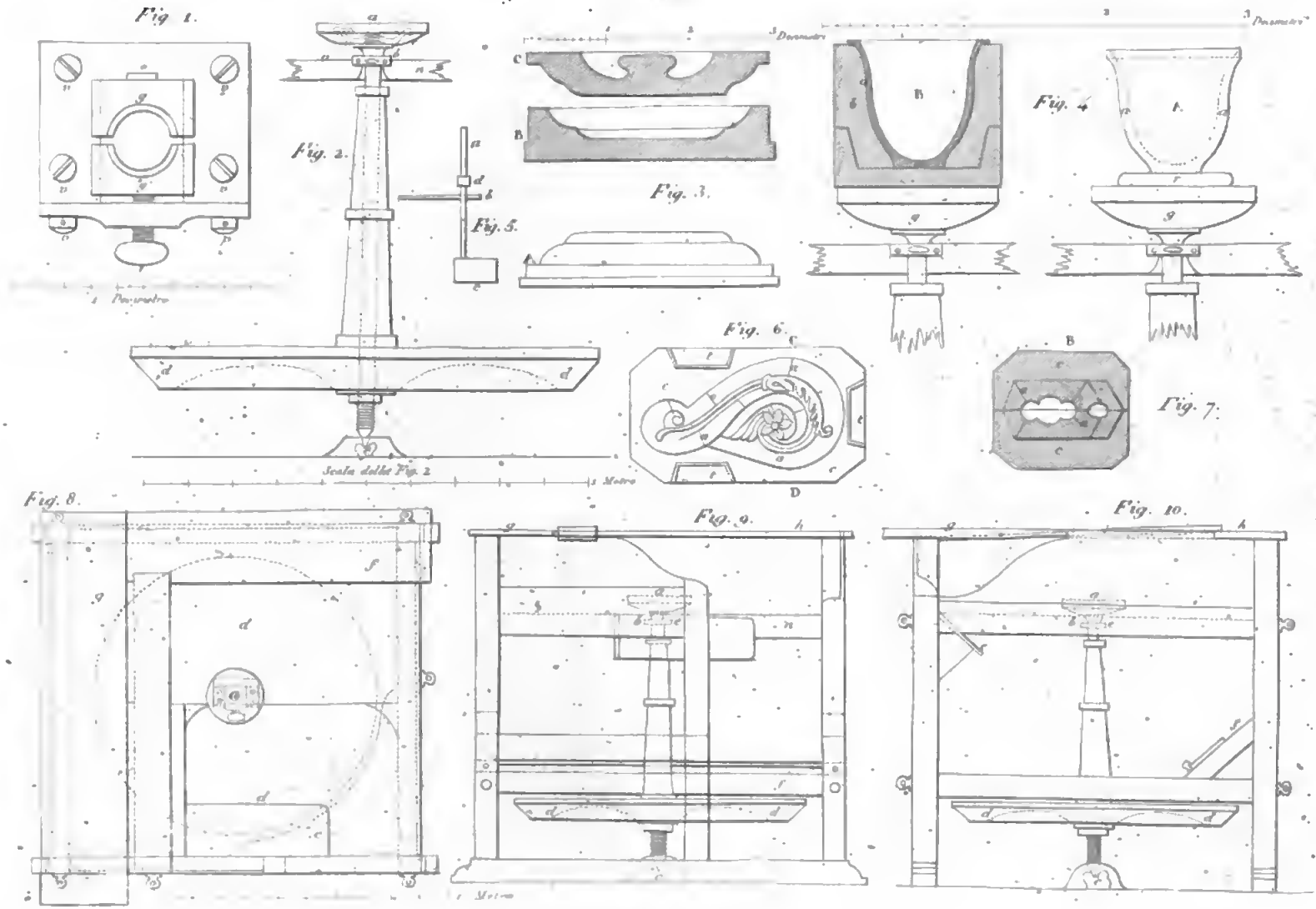
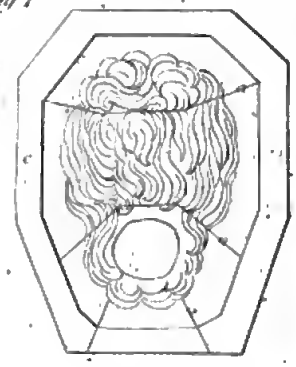


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Scala delle Fig. 2.

Fig 1



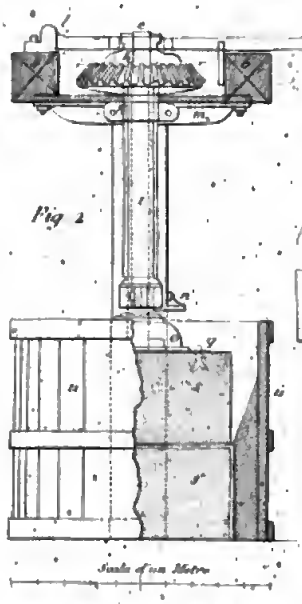


Fig 2

Scala d'un Metro

Scala delle Fig 2.B.C

Decimetri

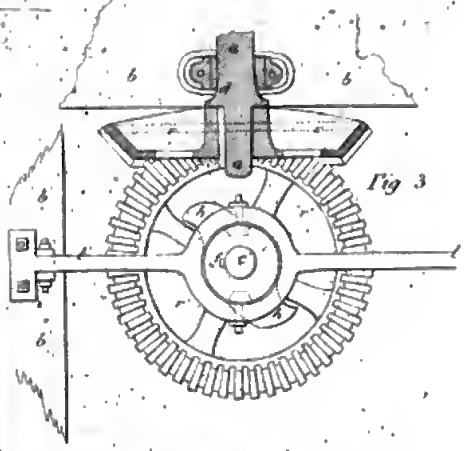


Fig 3

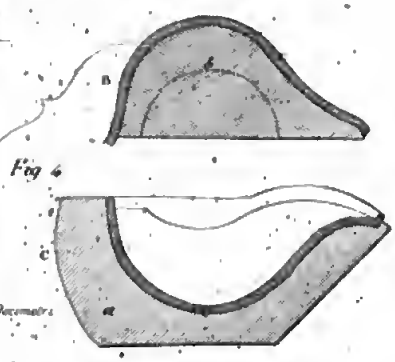
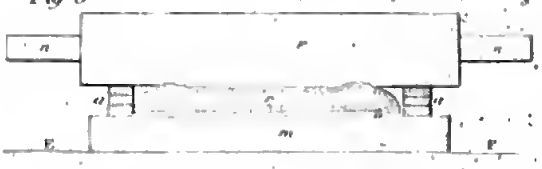


Fig 4

Fig 5



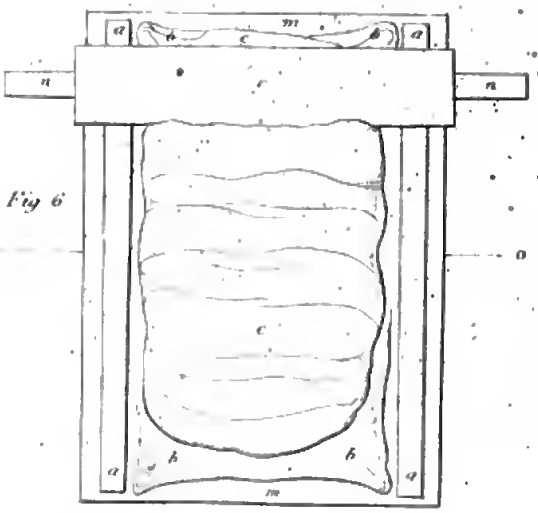


Fig 6

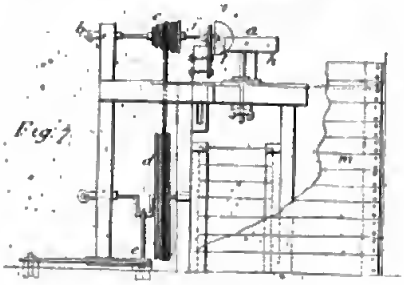


Fig 7

a Metri

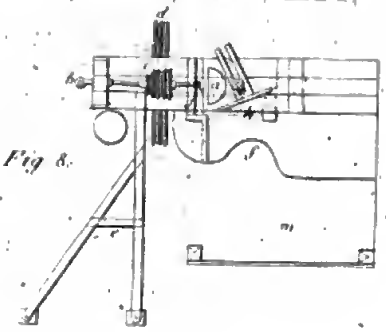


Fig 8.

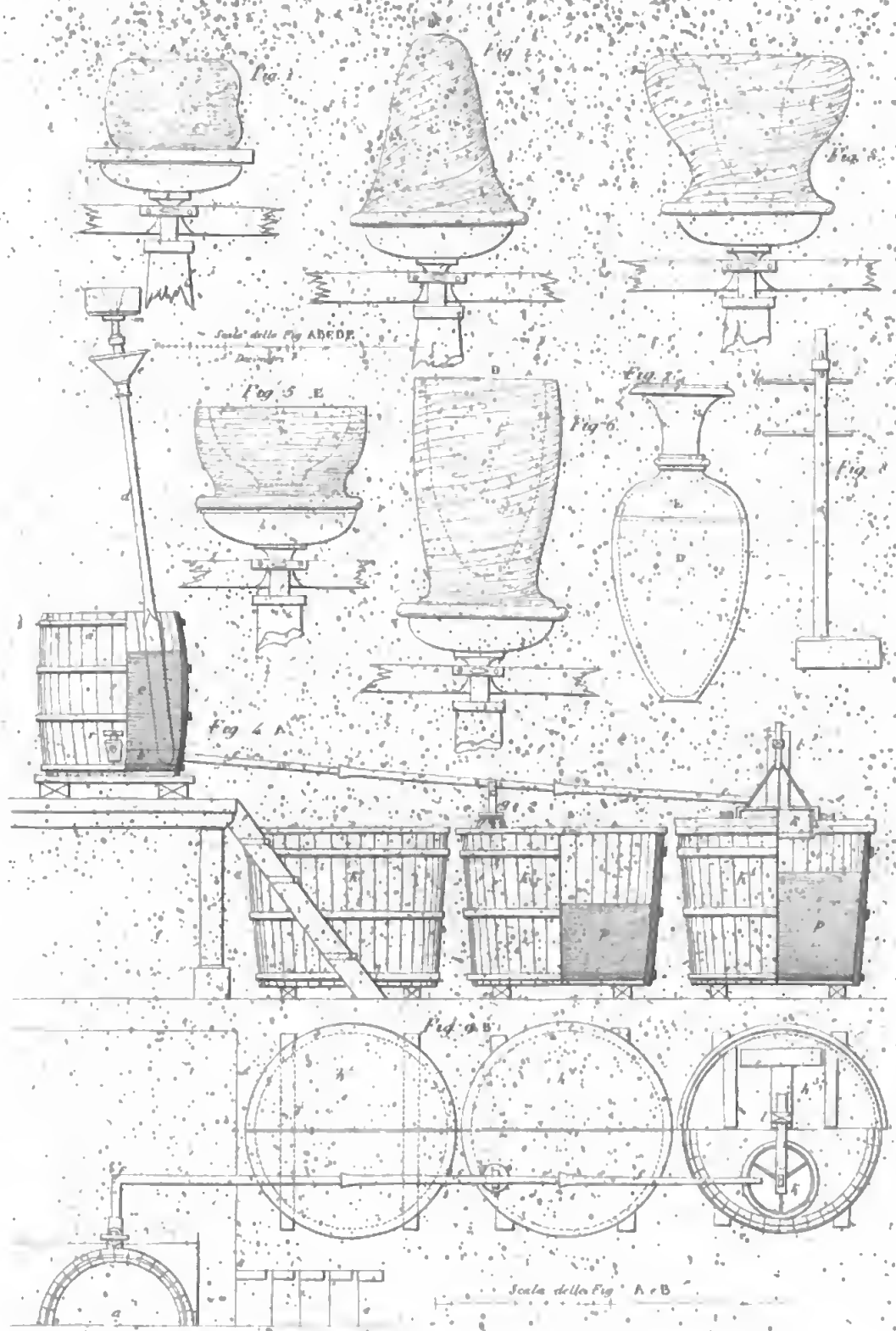
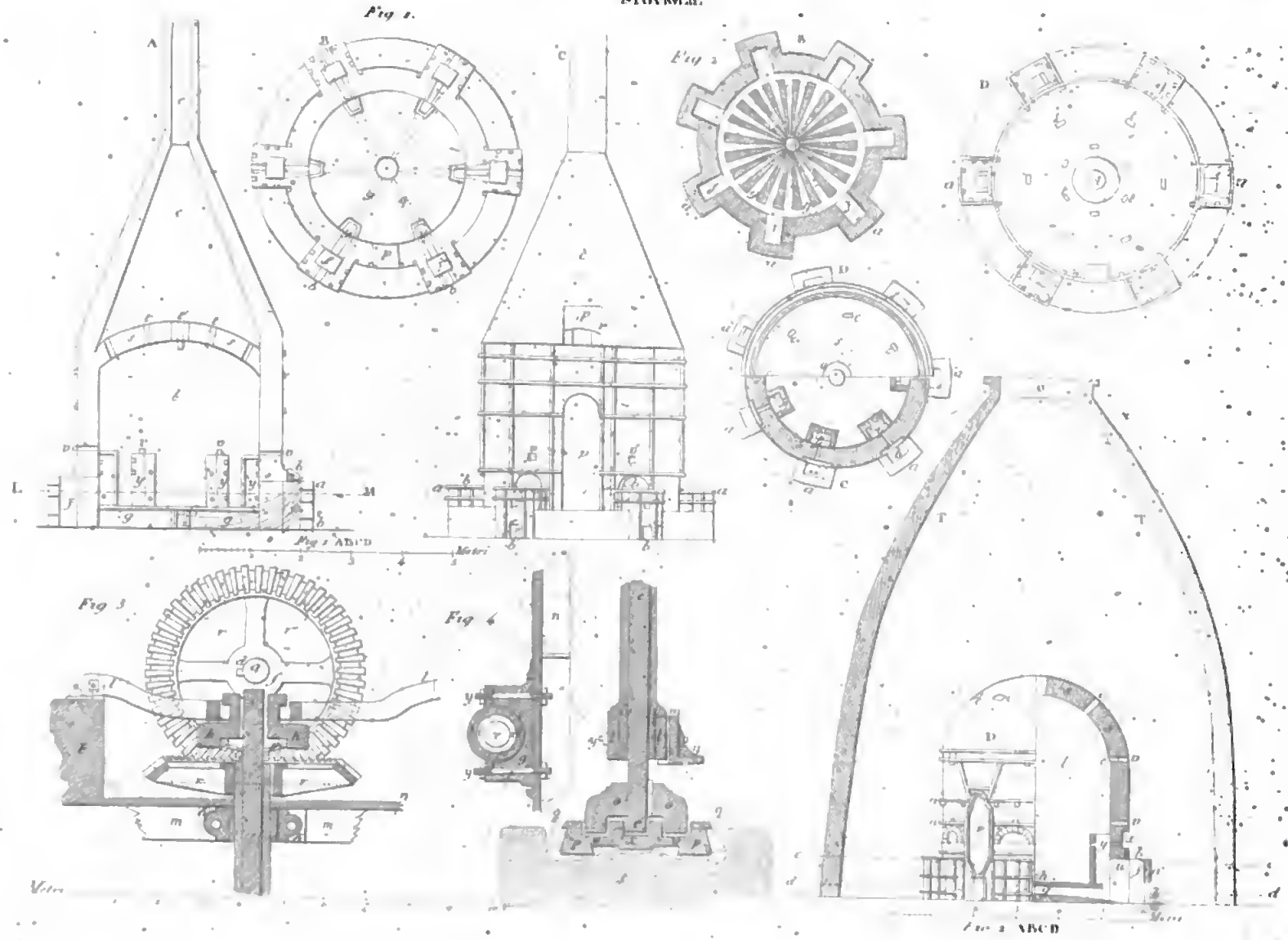


Fig. 1
Fig. 2
Fig. 3
Scala della Fig. ABCDE
Fig. 5
Fig. 6
Fig. 7
Fig. 8
Fig. 4 A
Fig. 4 B
Scala della Fig. A e B

ARTI E MESTIERI

STOVIGLIE

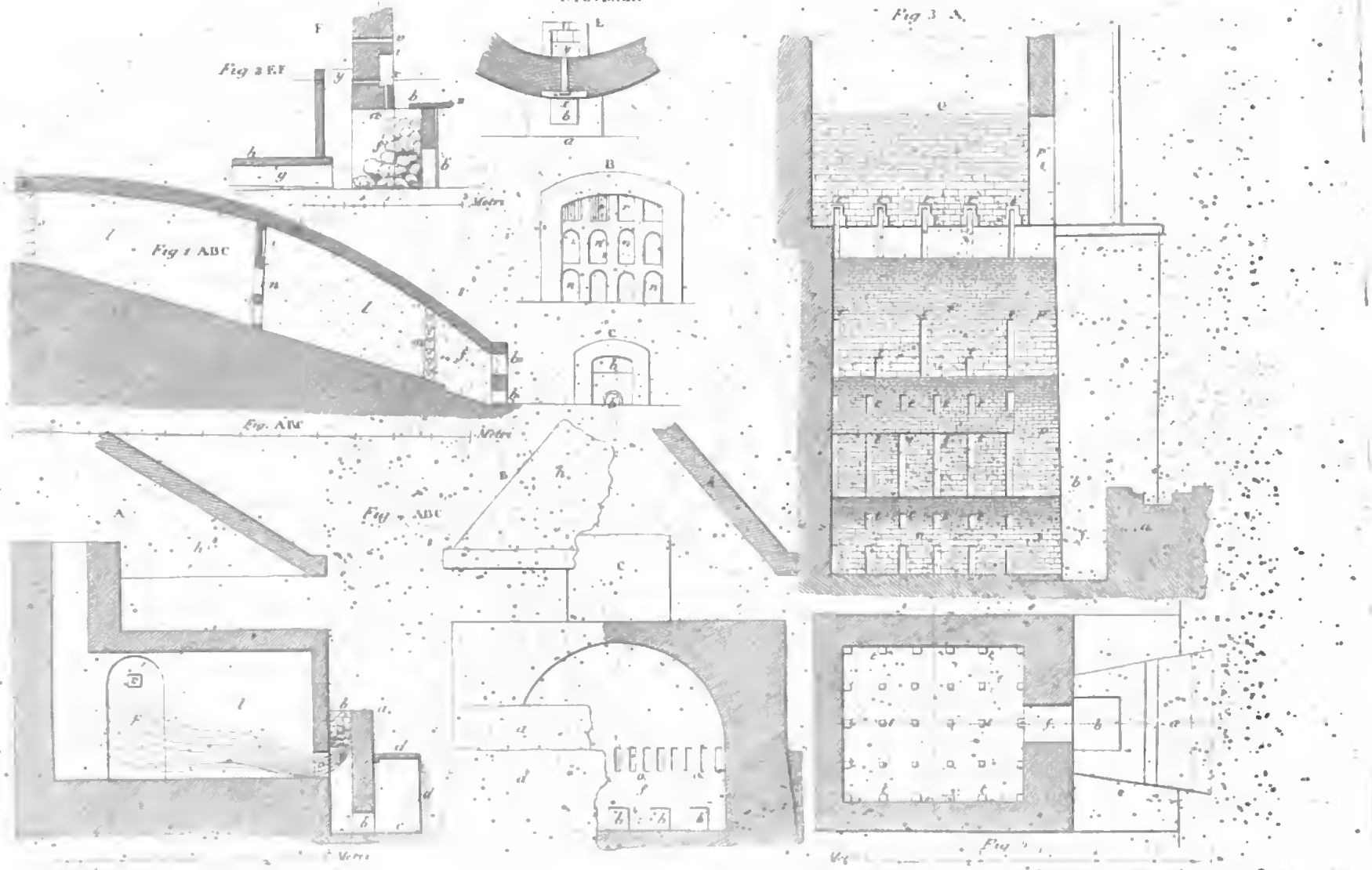


Digitized by Google

ARTI E MESTIERI

STOVIGLIE

TAV. XXIV. (1)



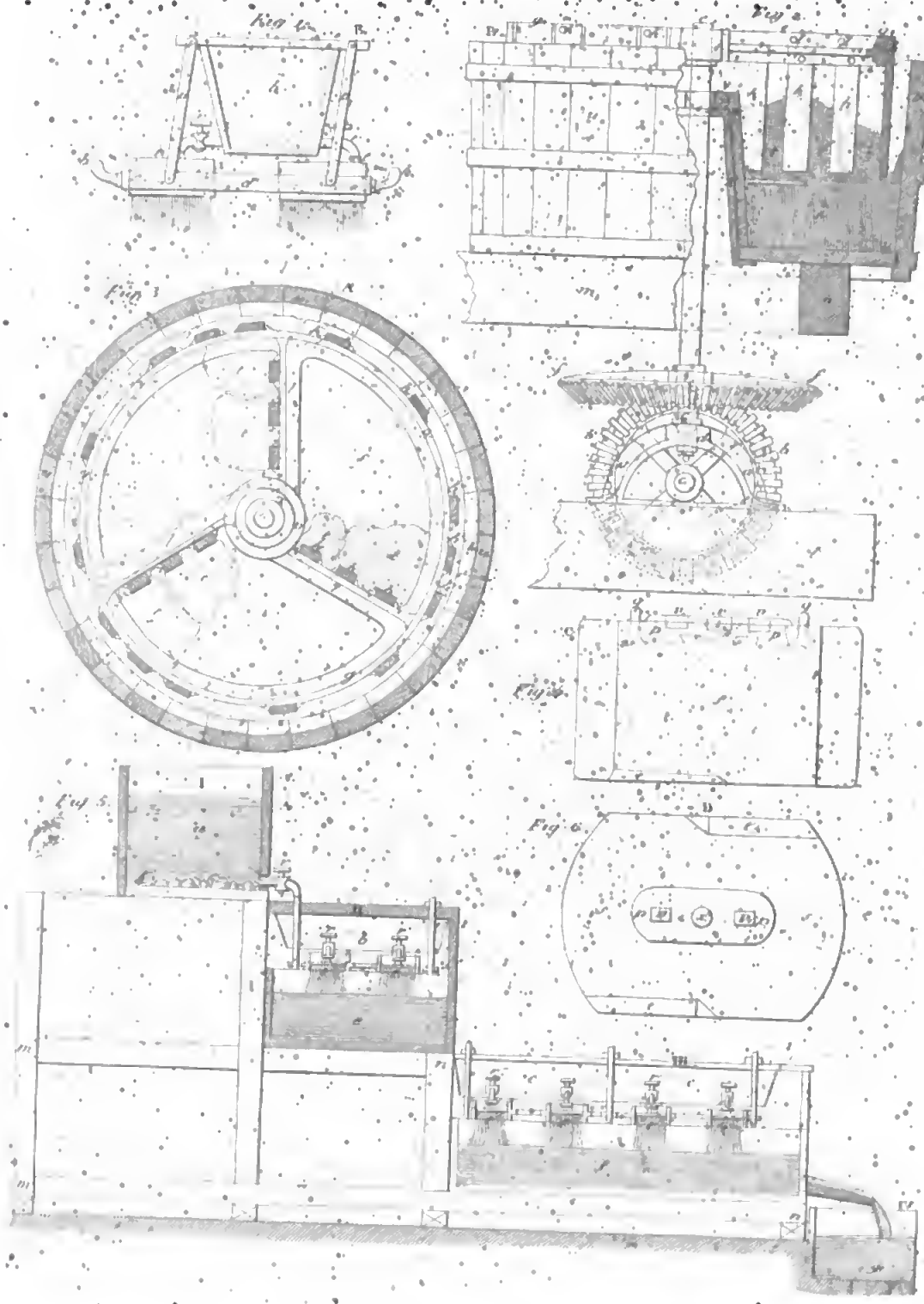


Fig. 1
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 6

STOVIGLIE

Fig 1

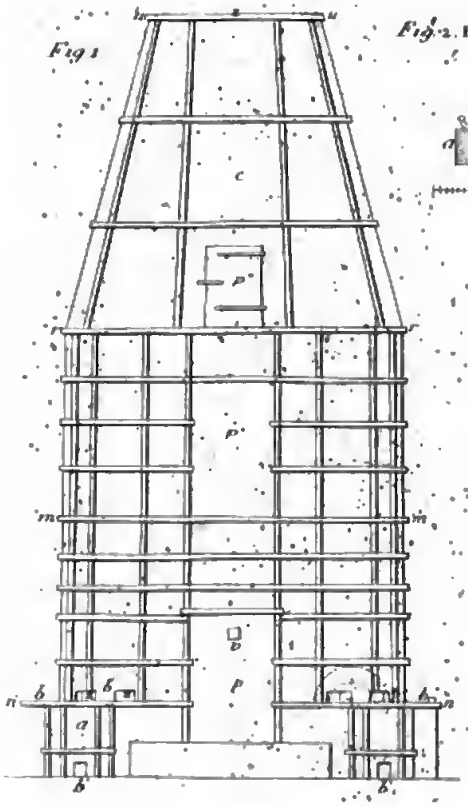


Fig 2. B

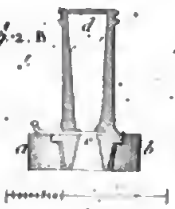


Fig. 3.

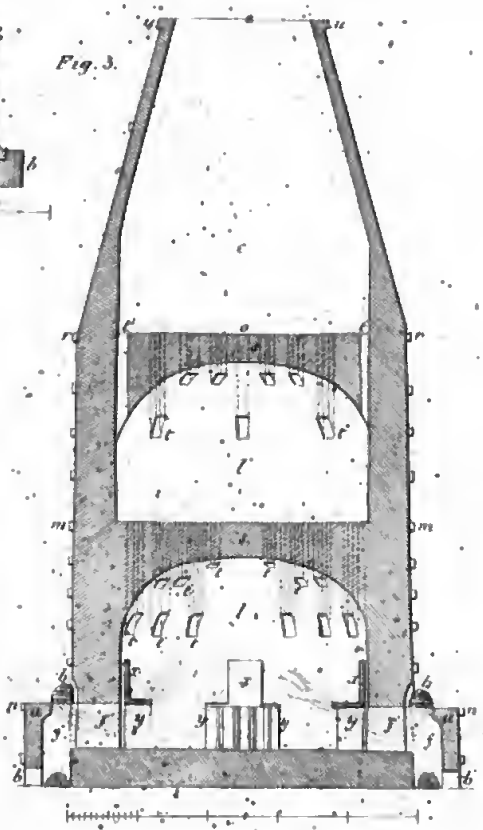


Fig 4 C

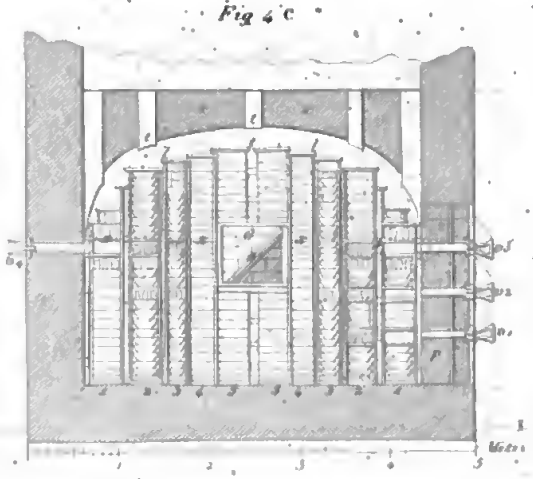
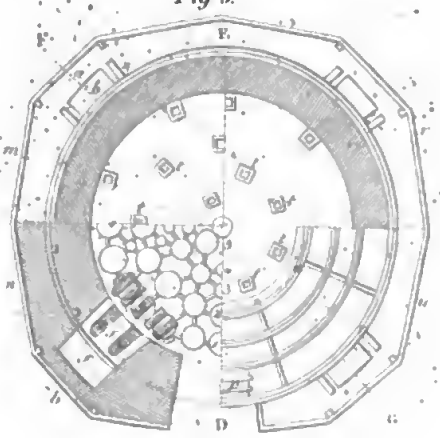
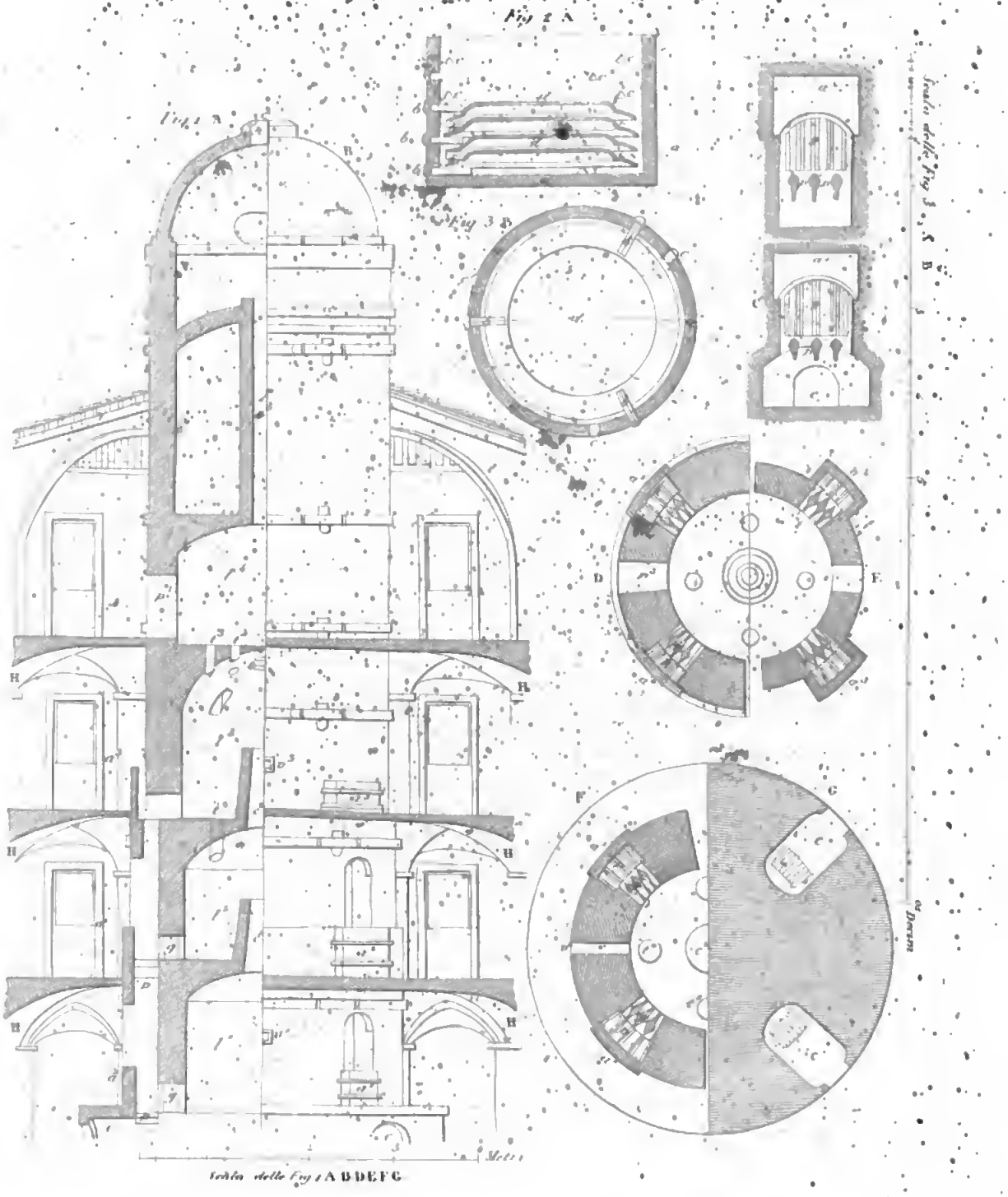


Fig 5.





Digitized by Google

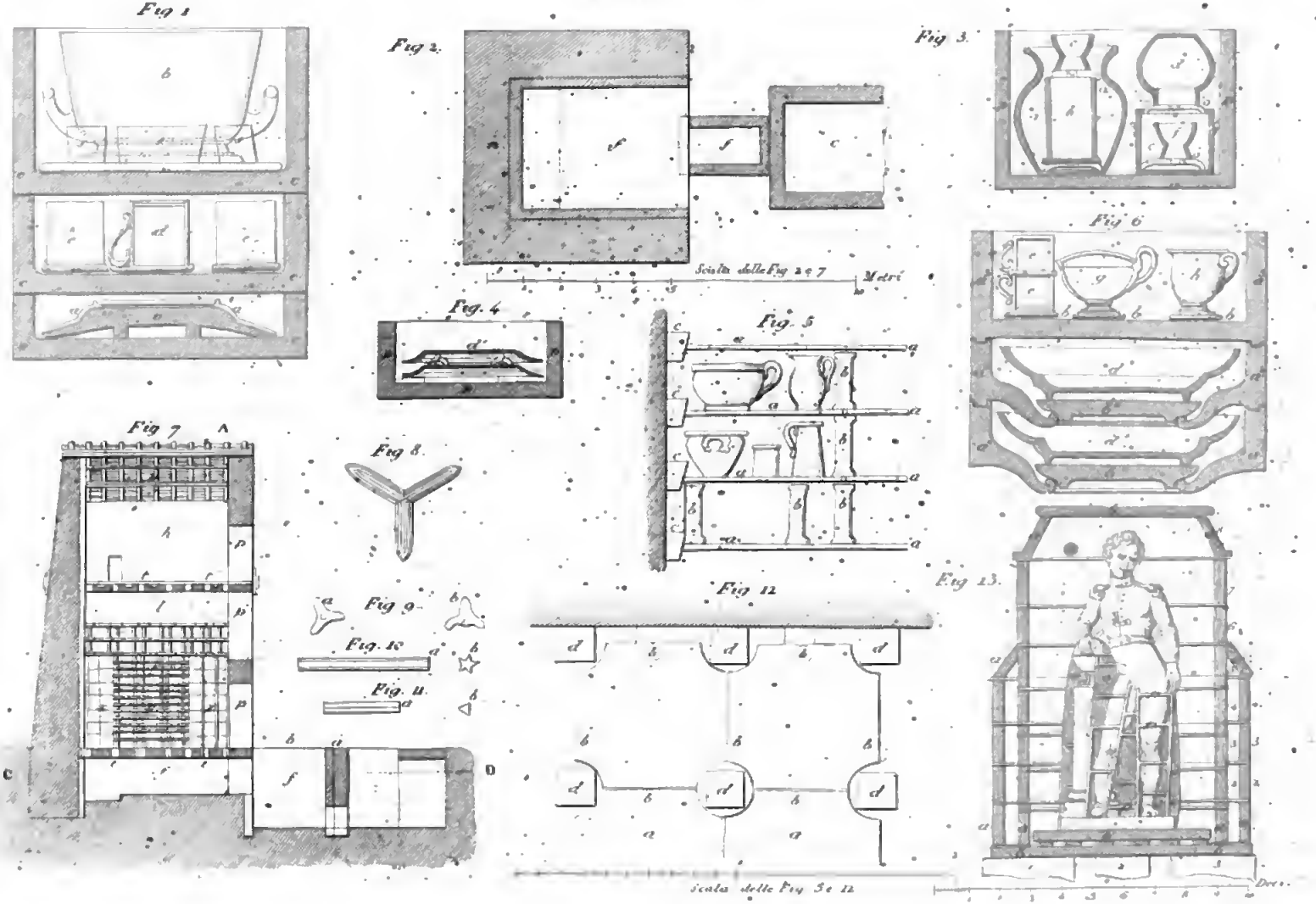
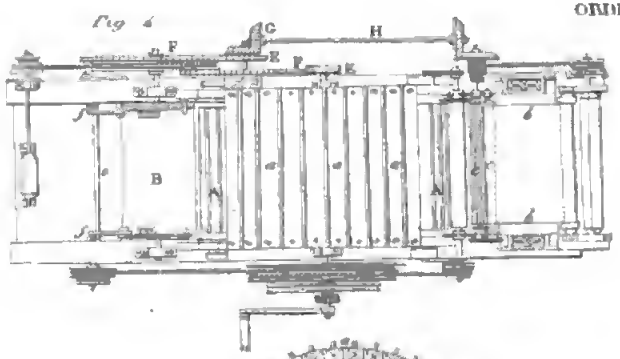
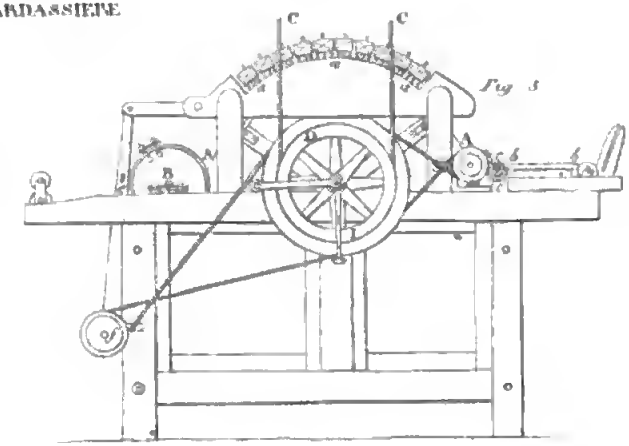


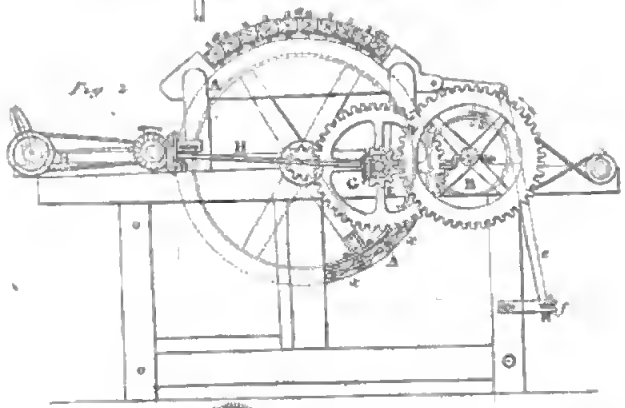
Fig 1
Fig 2.
Fig 3.
Fig 4
Fig 5
Fig 6
Fig 7
Fig 8.
Fig 9.
Fig 10
Fig 11.
Fig 12
Fig 13.
Scala delle Fig 2 e 7
Metri
Scala delle Fig 3 e 12
Metri

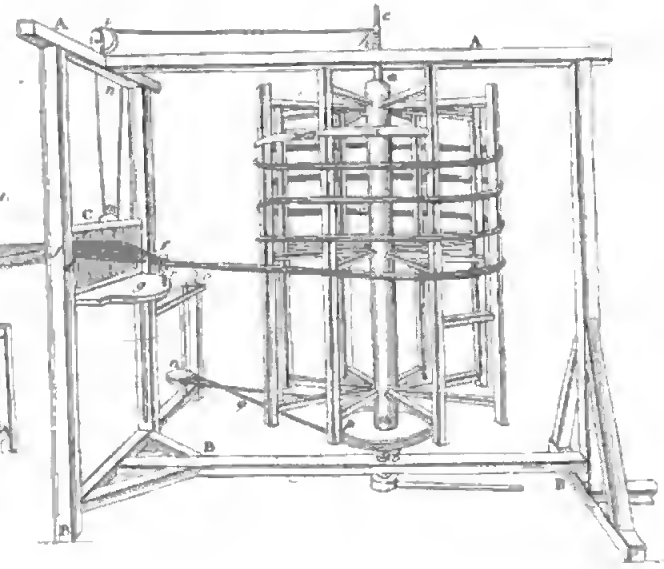
ARTI E MESTIERI

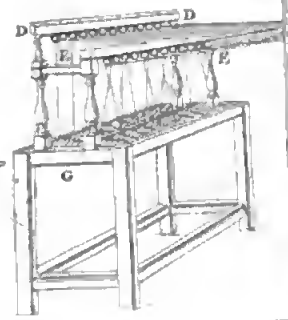
ORDITOIO - SCARDASSIERE

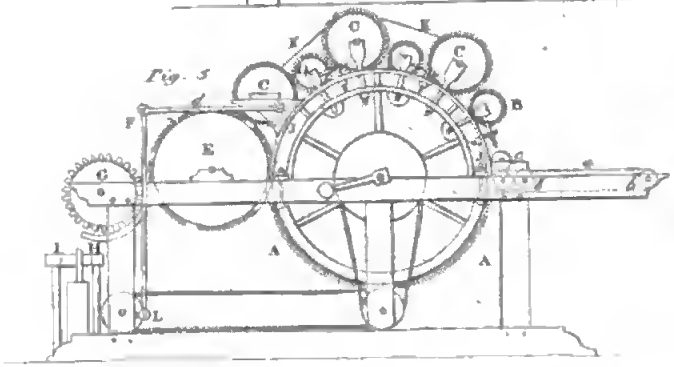






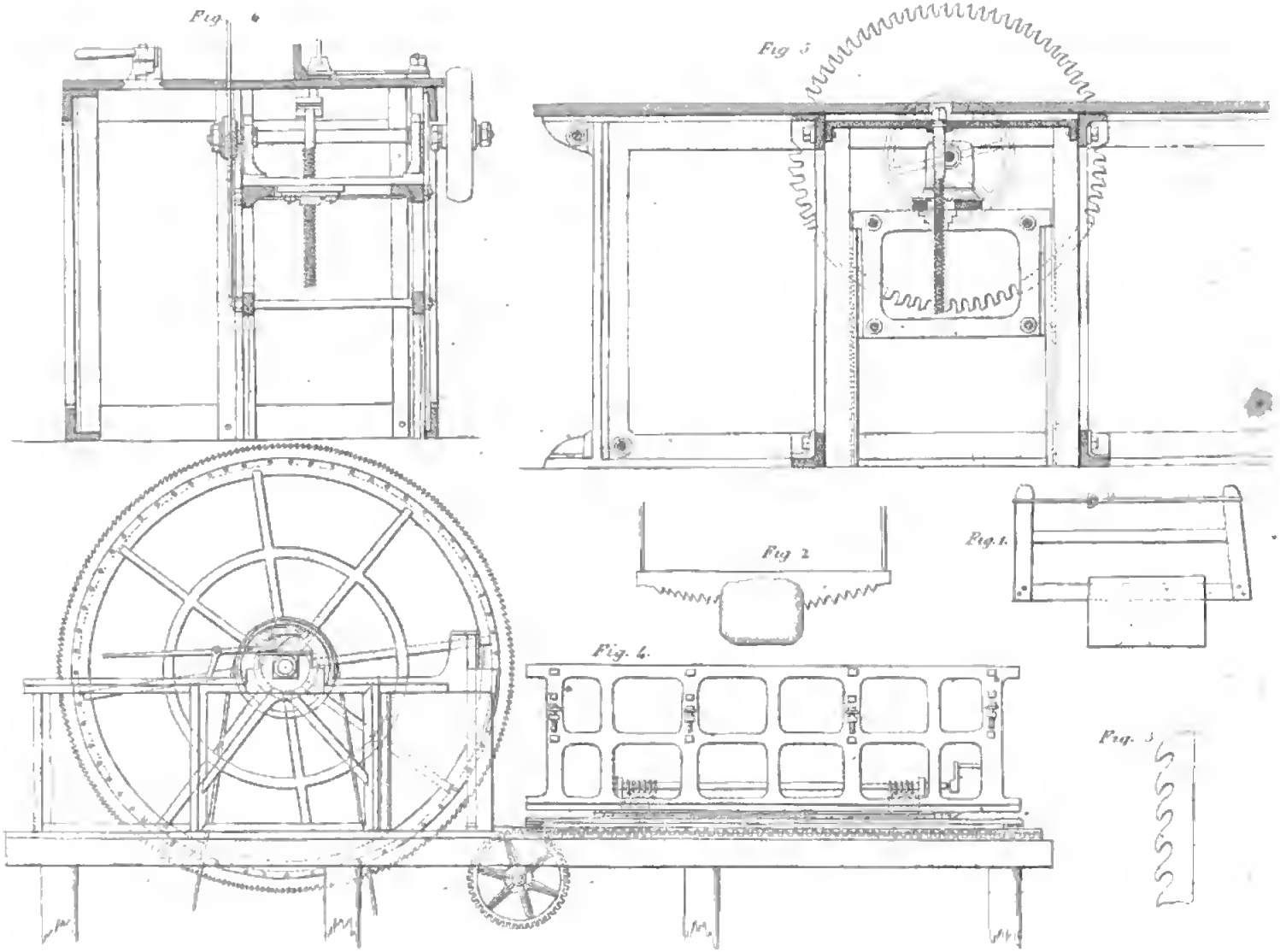






ARTI E MESTIERI

SEGHE



Digitized by Google

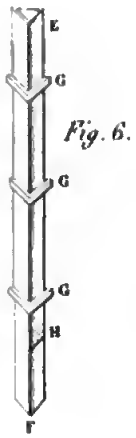


Fig. 6.

Fig. 3.

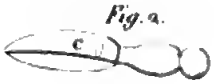


Fig. 2.

Fig. 5.

Fig. 4.

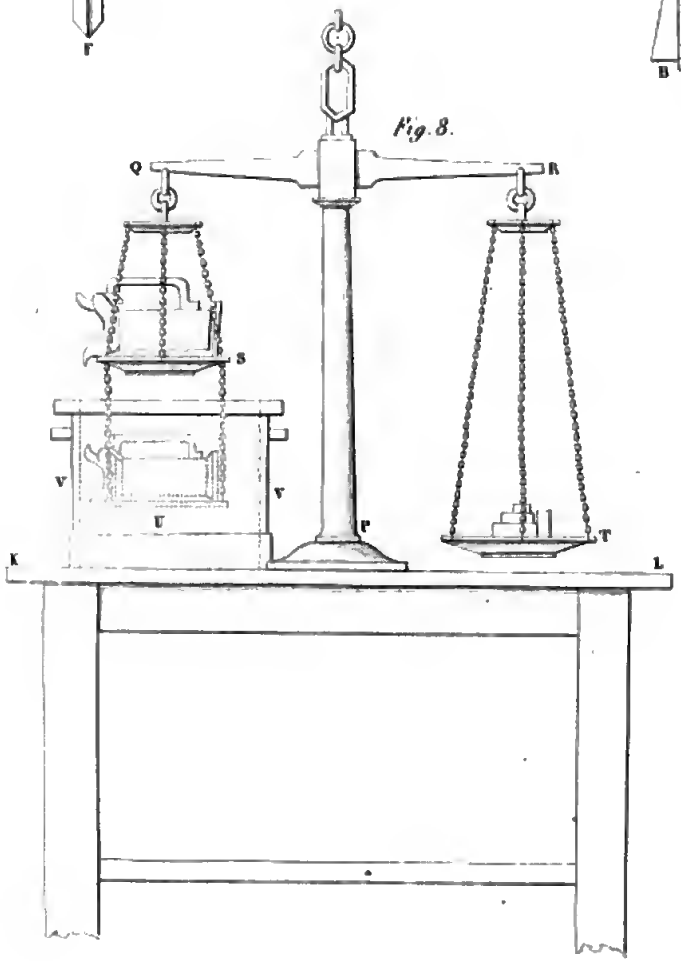


Fig. 8.

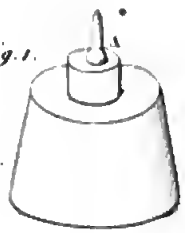


Fig. 1.

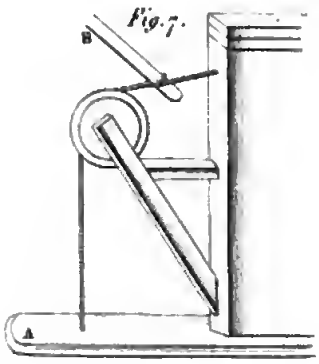


Fig. 7.

Fig 2.

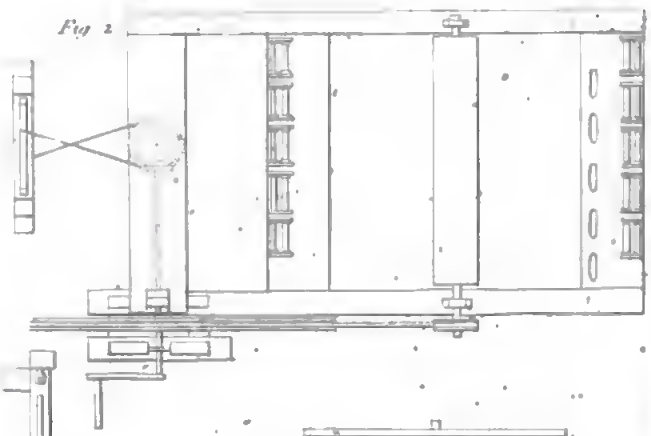


Fig 6.

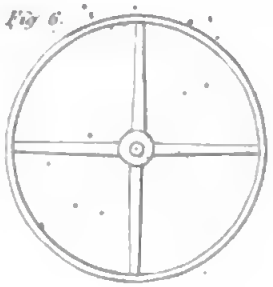


Fig. 5.

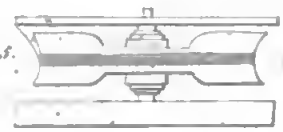


Fig 4

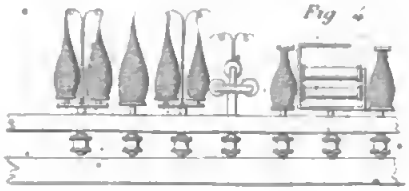


Fig 1

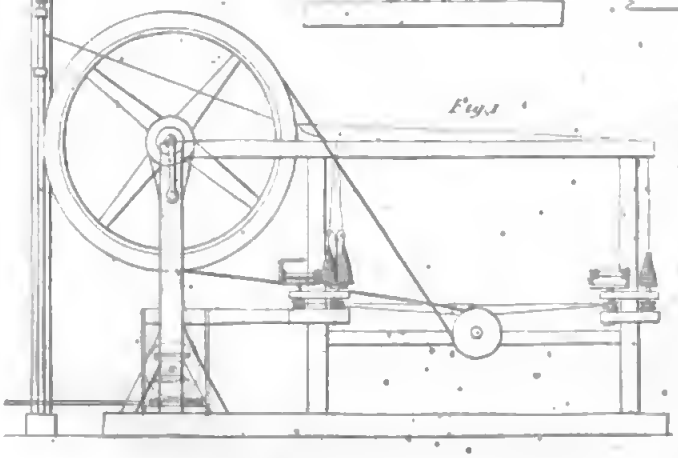


Fig 7.

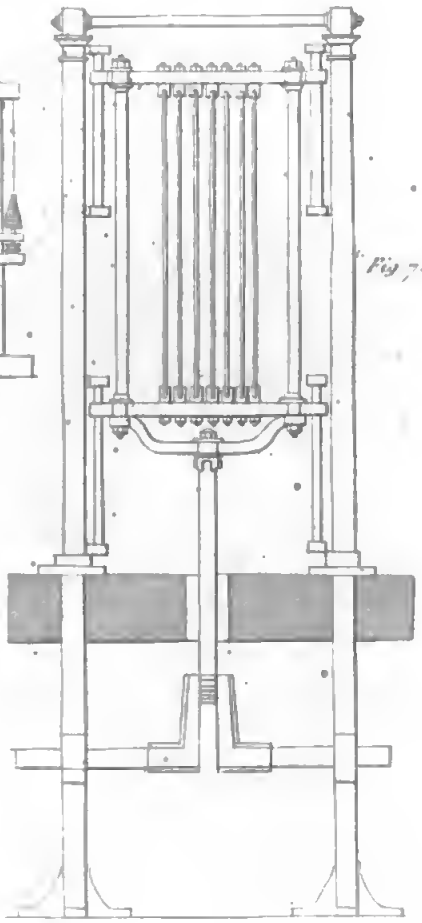
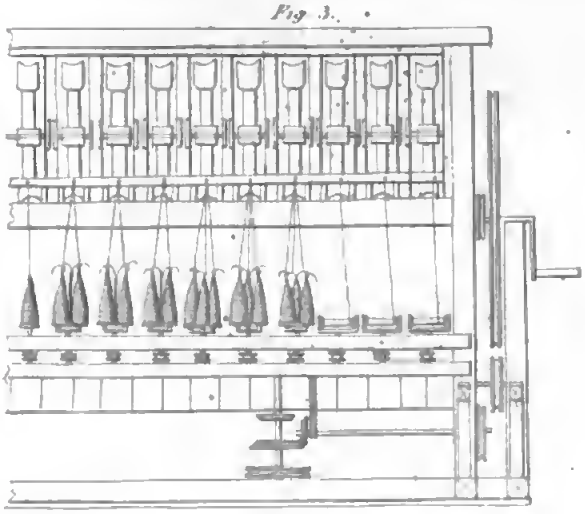


Fig 3.



STUFE

Fig. 1.

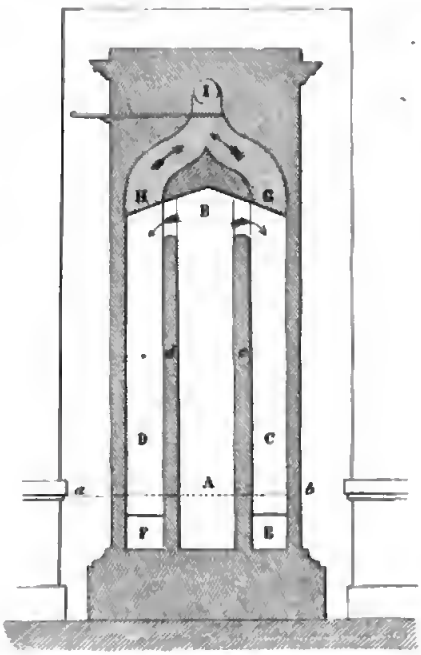


Fig. 4.

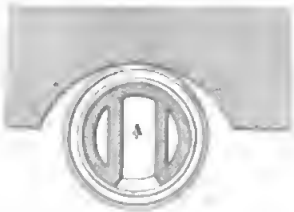


Fig. 5.

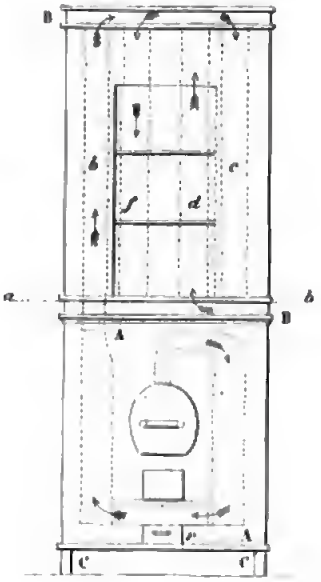


Fig. 7.

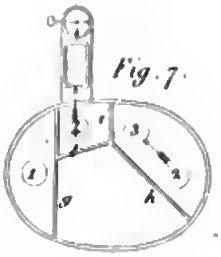


Fig. 2.

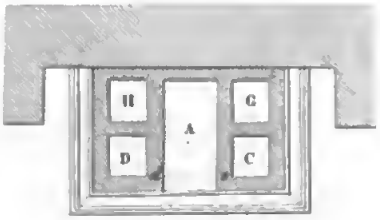


Fig. 3.

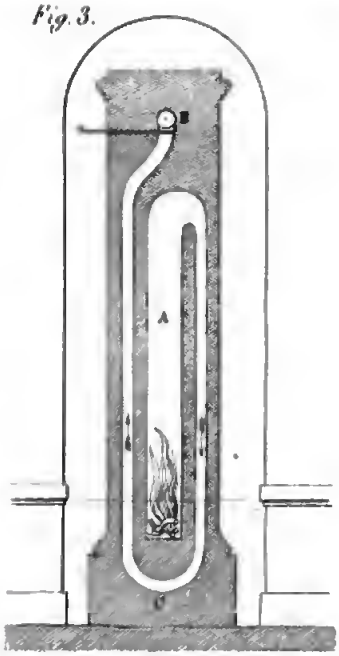


Fig. 8.

Fig. 6.

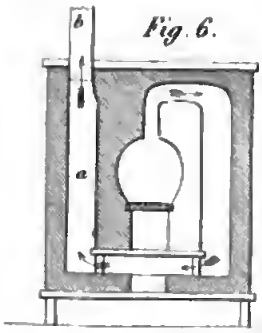
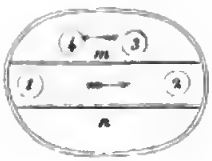


Fig. 9.



TORNITORE — TRATTURA DELLA SETA

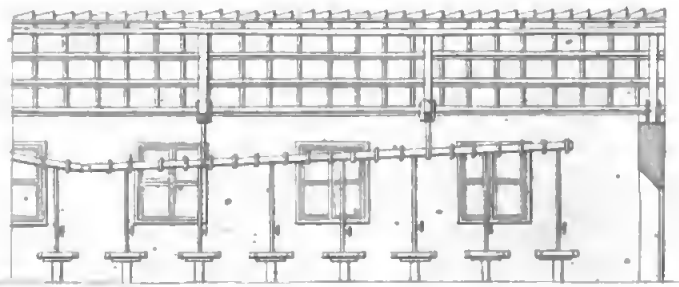


Fig. 2

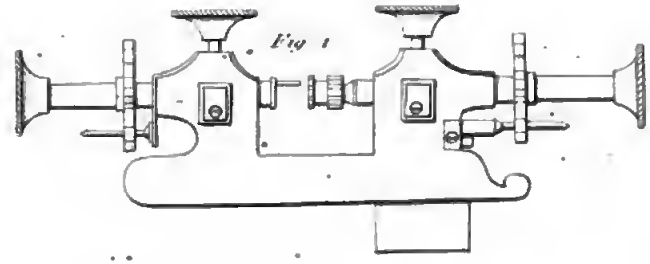


Fig. 1

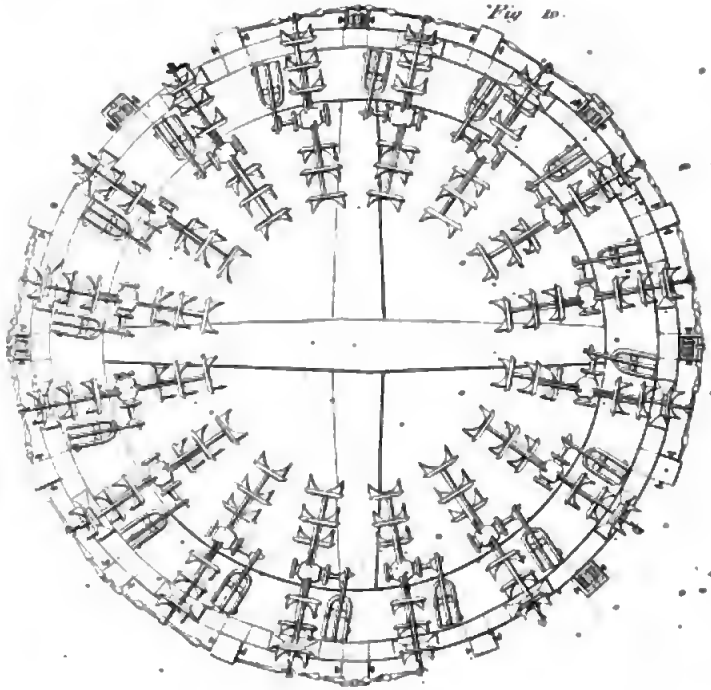


Fig. 10.

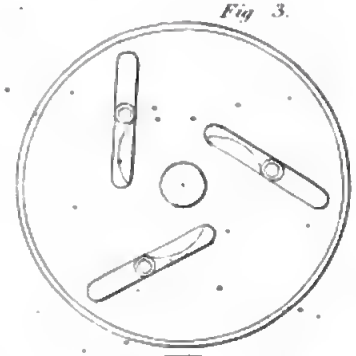


Fig. 3.

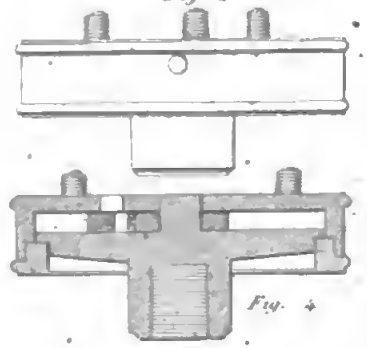


Fig. 4

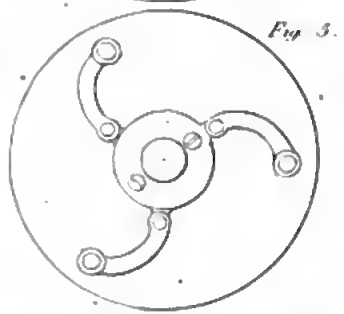


Fig. 5.

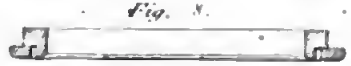


Fig. 8.

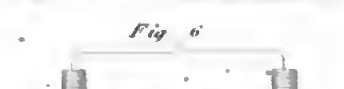


Fig. 7.

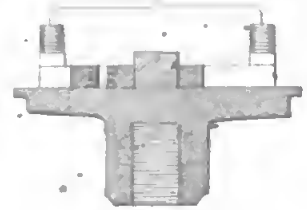
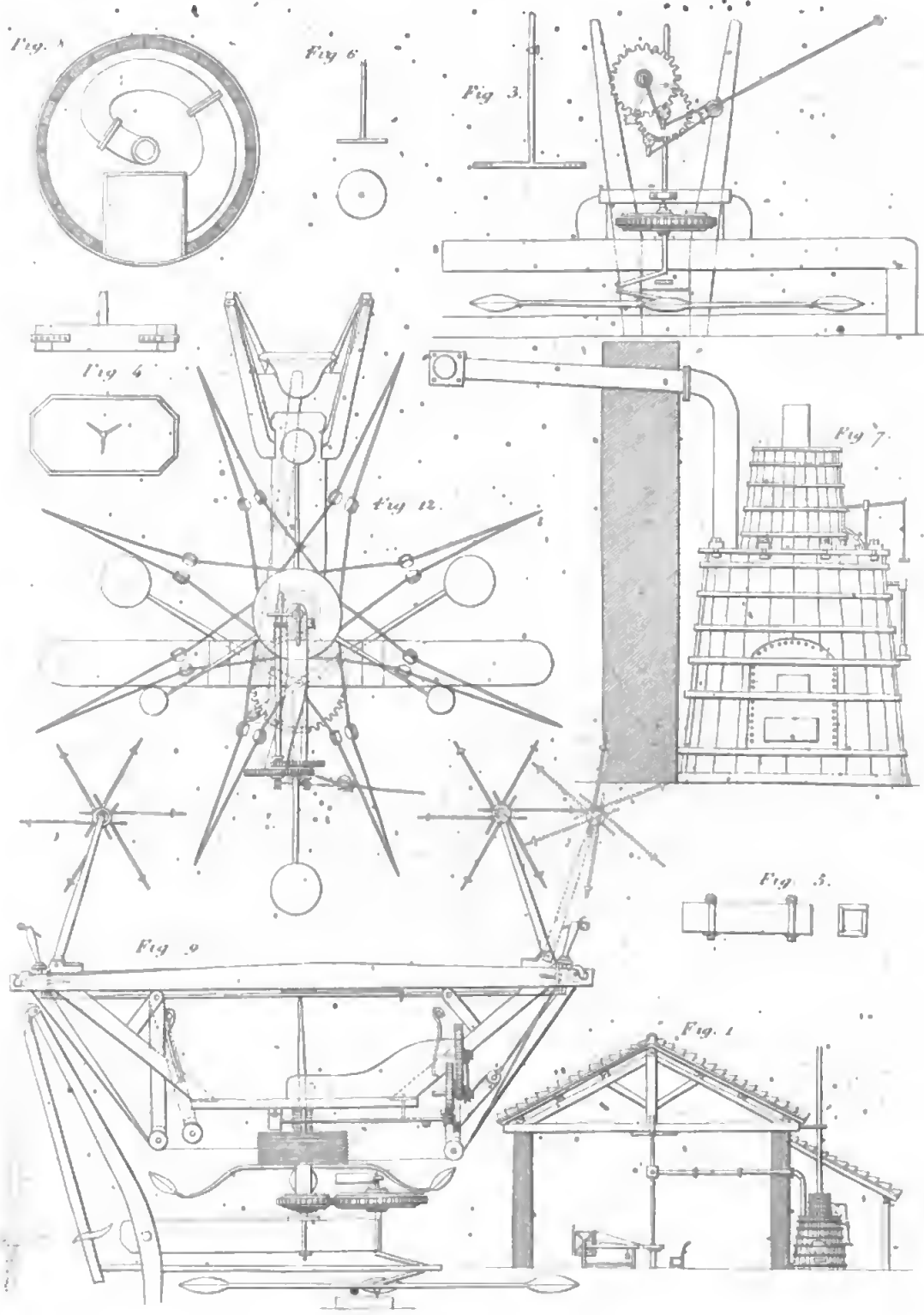


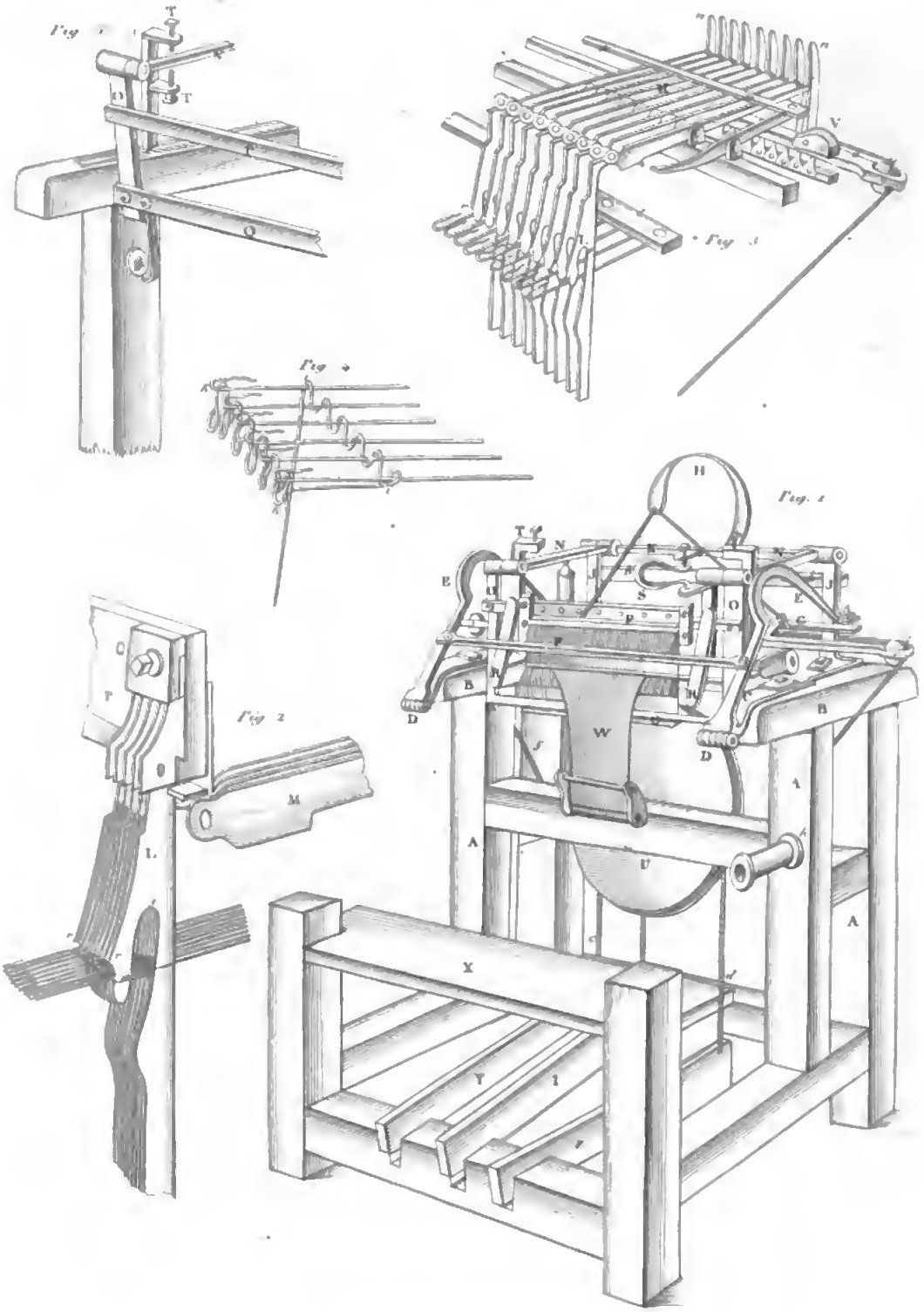
Fig. 6

ARTI E MESTIERI
TRATTURA DELLA SETA
TAV. XXXV. 18



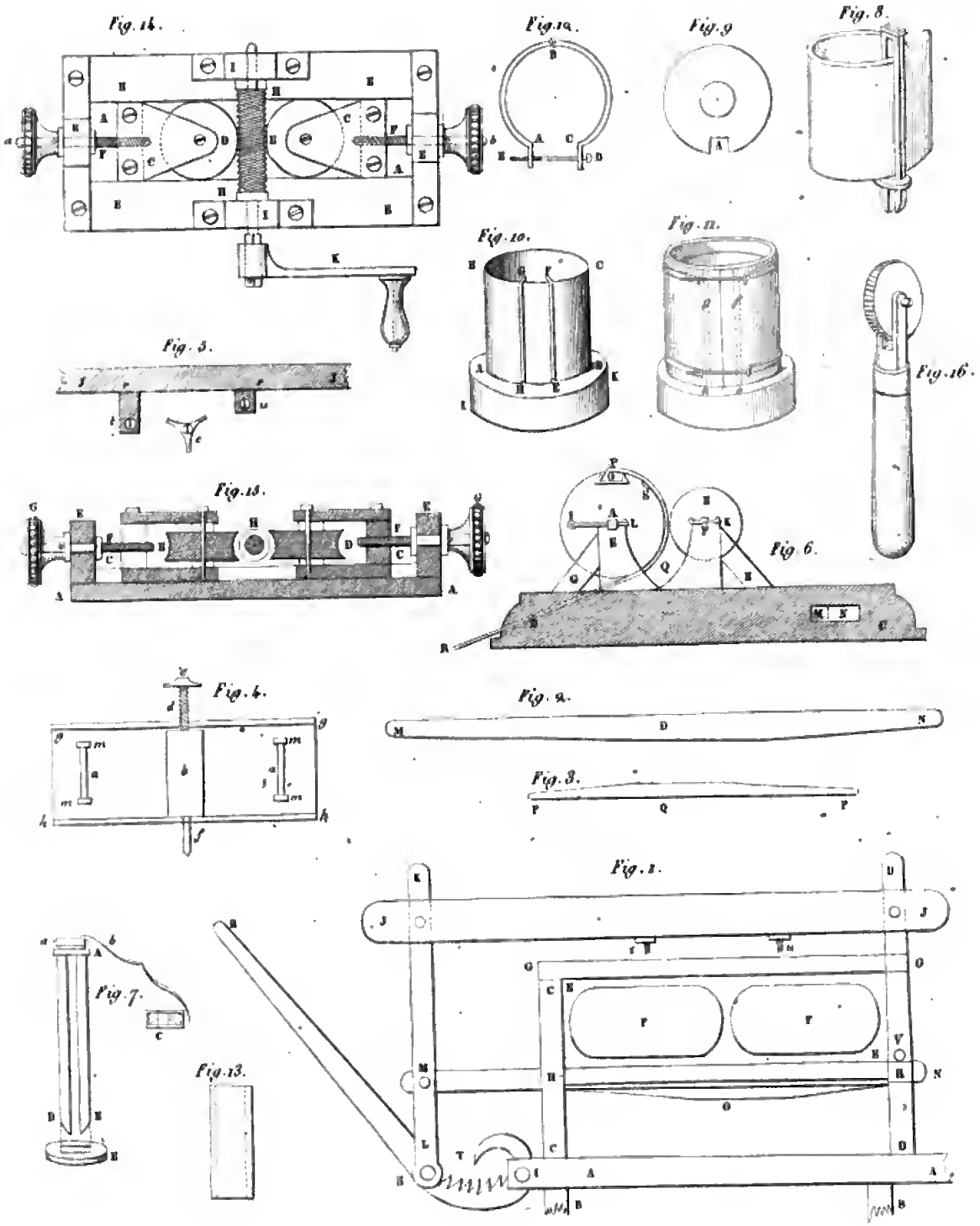
Digitized by Google

TELAIO DA CALZE



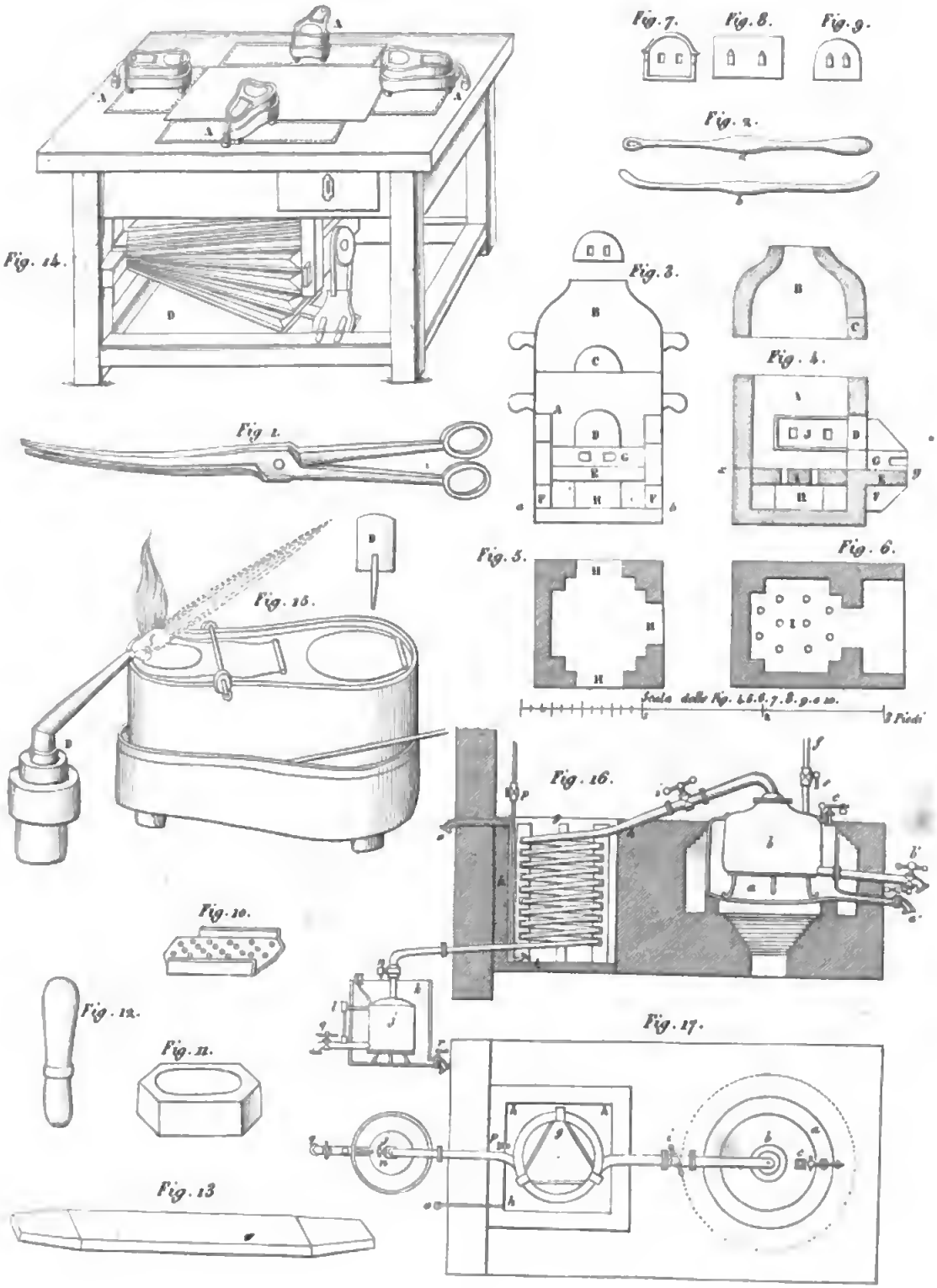
ARTI E MESTIERI

RAFFILATOIO, SCATOLAIO, SEGNATOIO



ARTI E MESTIERI

SMALTISTA — RUM



Digitized by Google

TREBBIATOIO

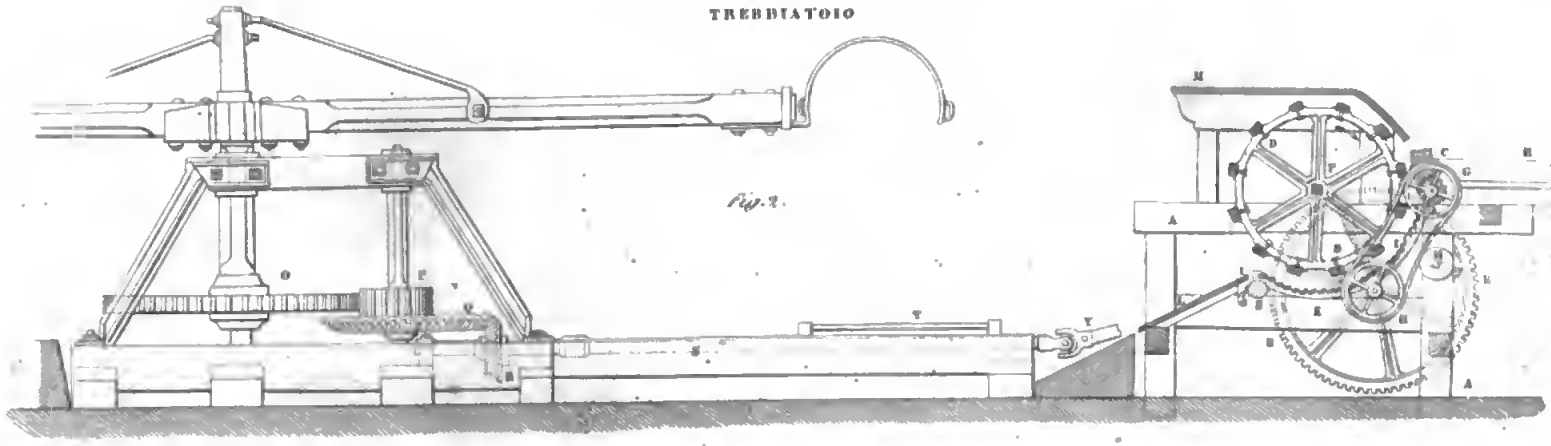


Fig. 2.

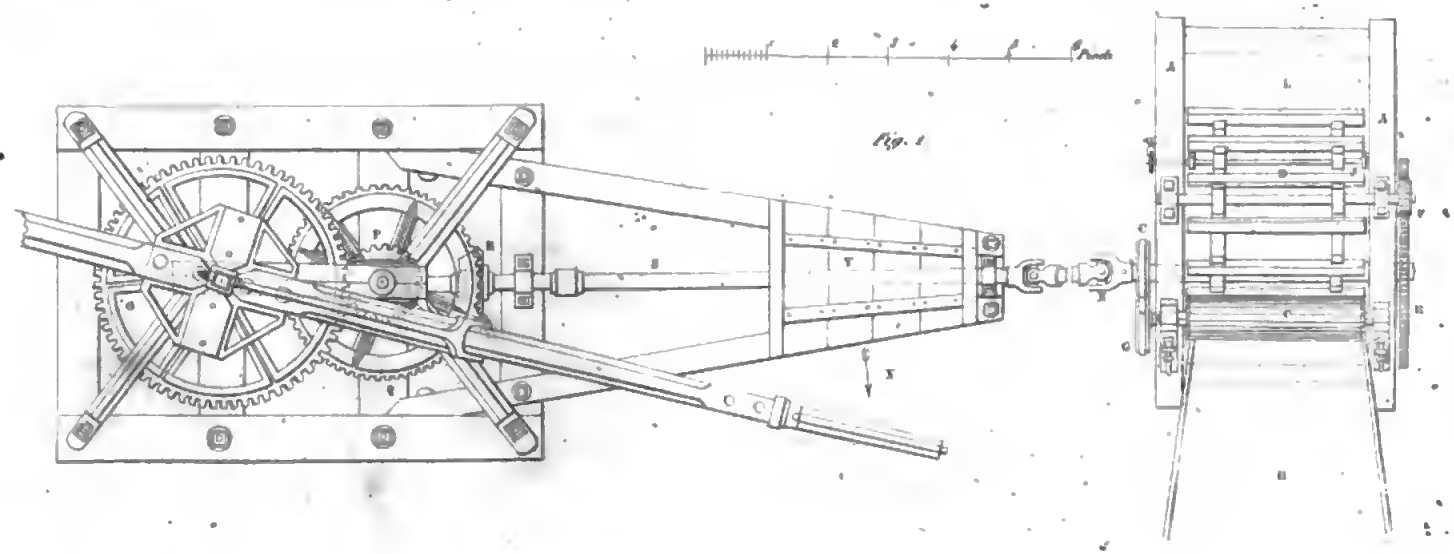
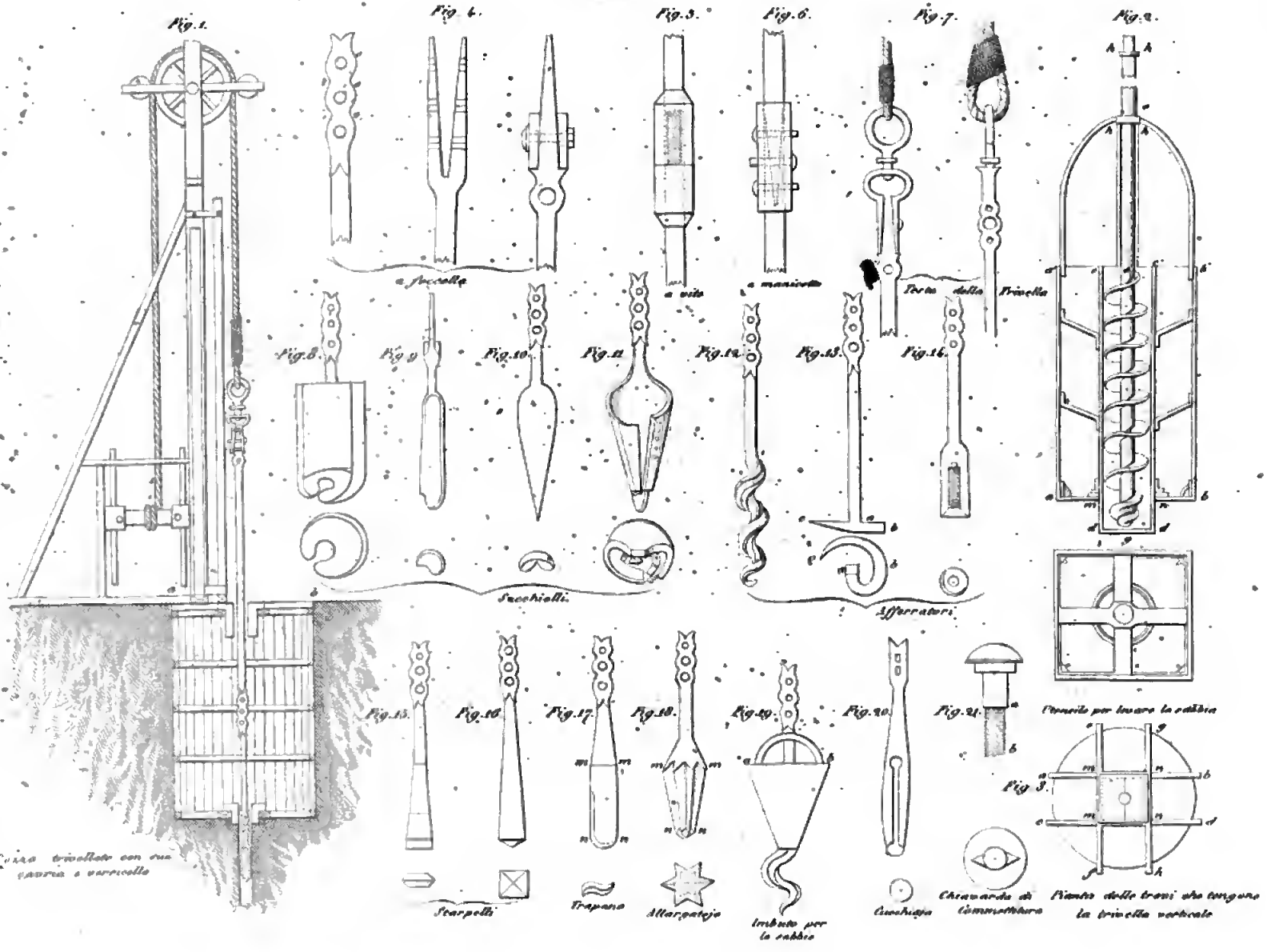


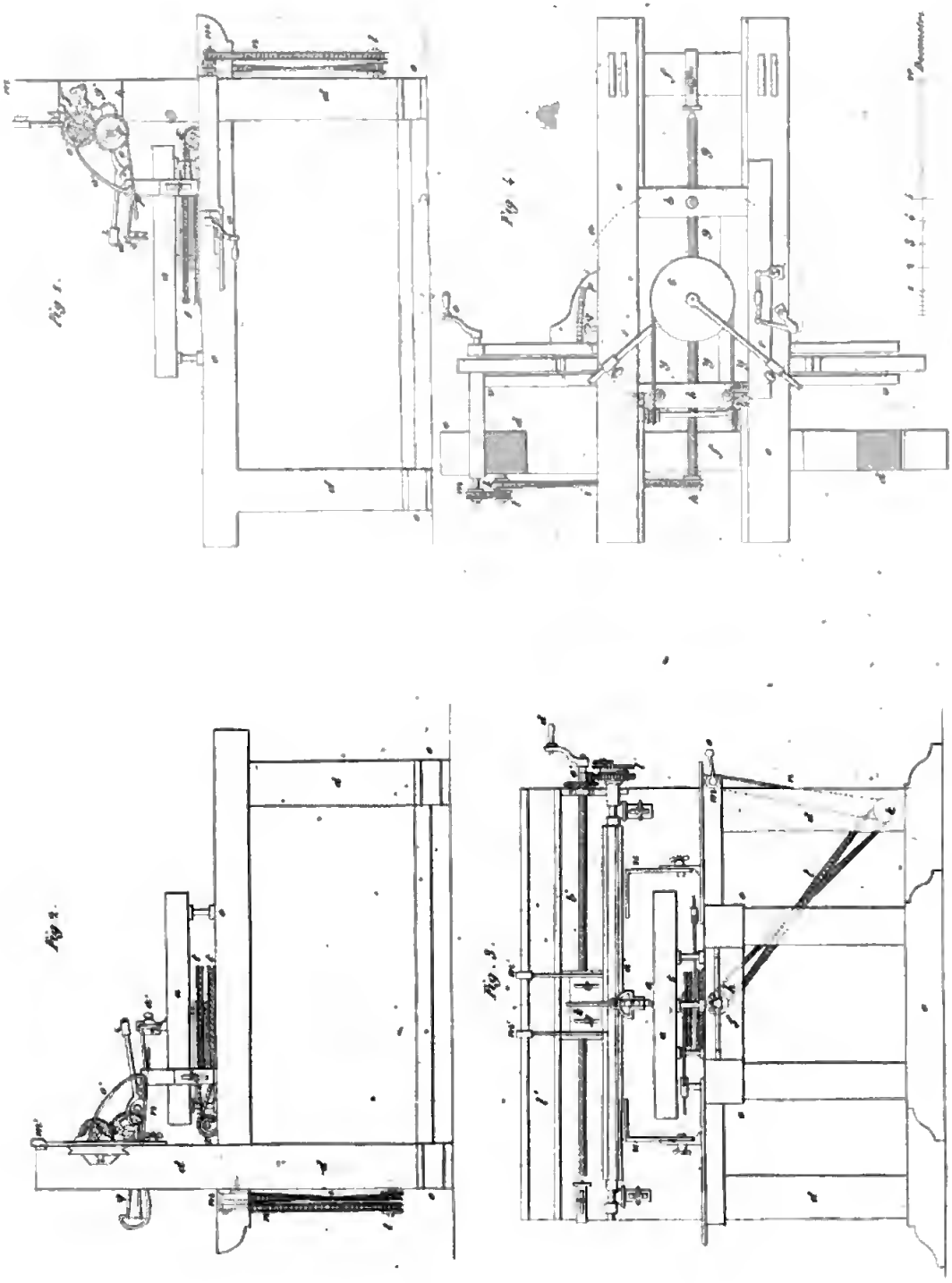
Fig. 1

ARTI E MESTIERI

TRIVELLE

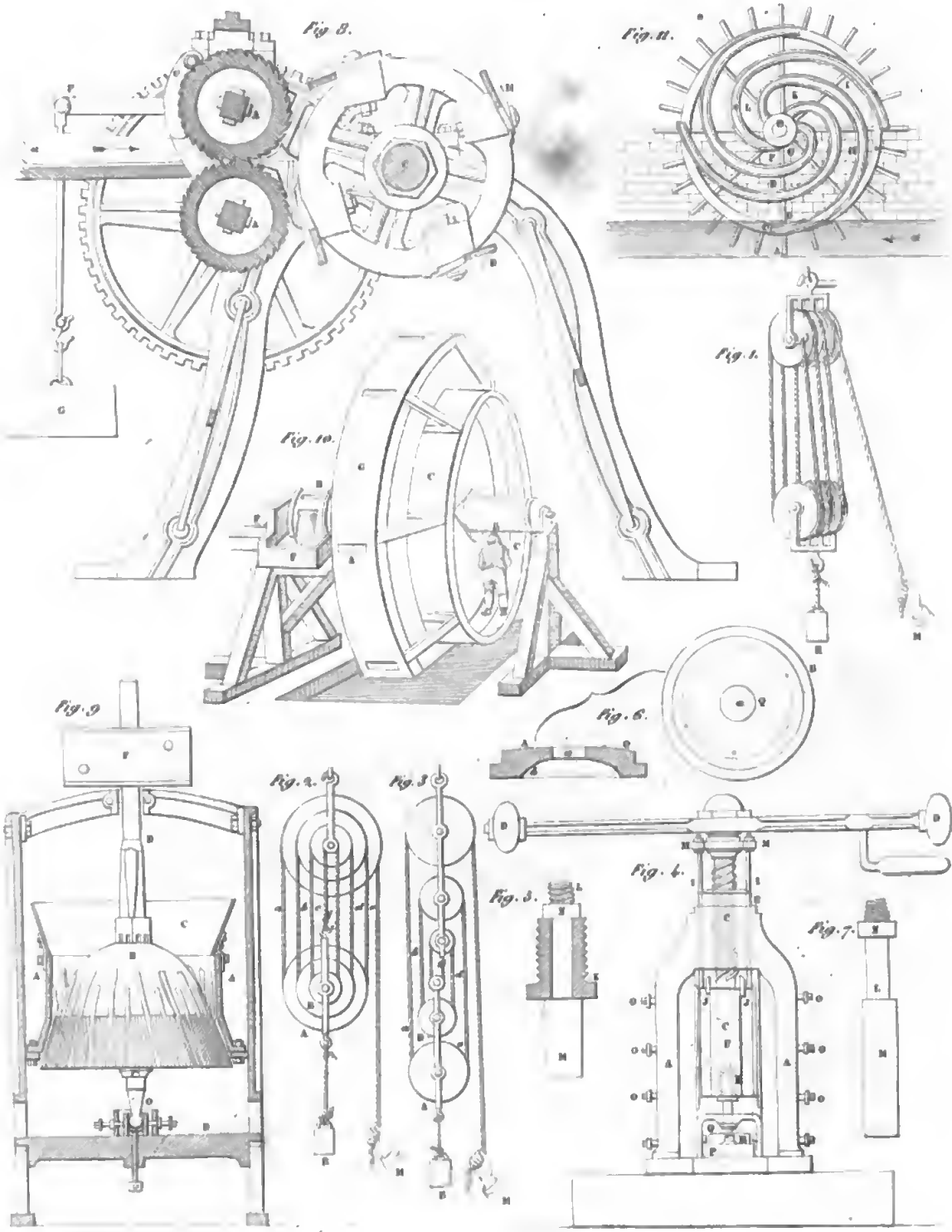


VAGLIO



Digitized by Google

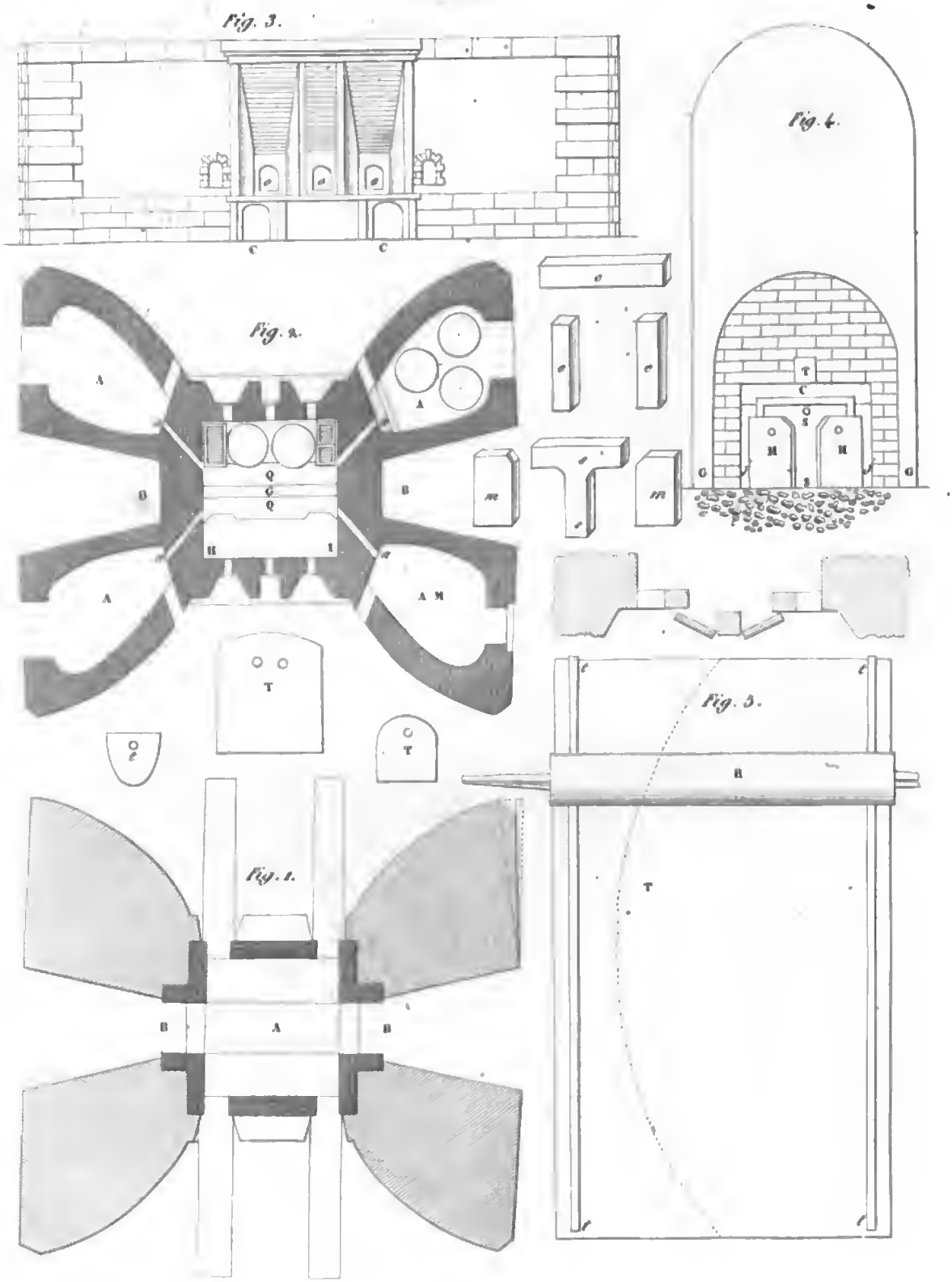
TAGLIA, TAGLIATOIO, TANNO, TIMPANO



Digitized by Google

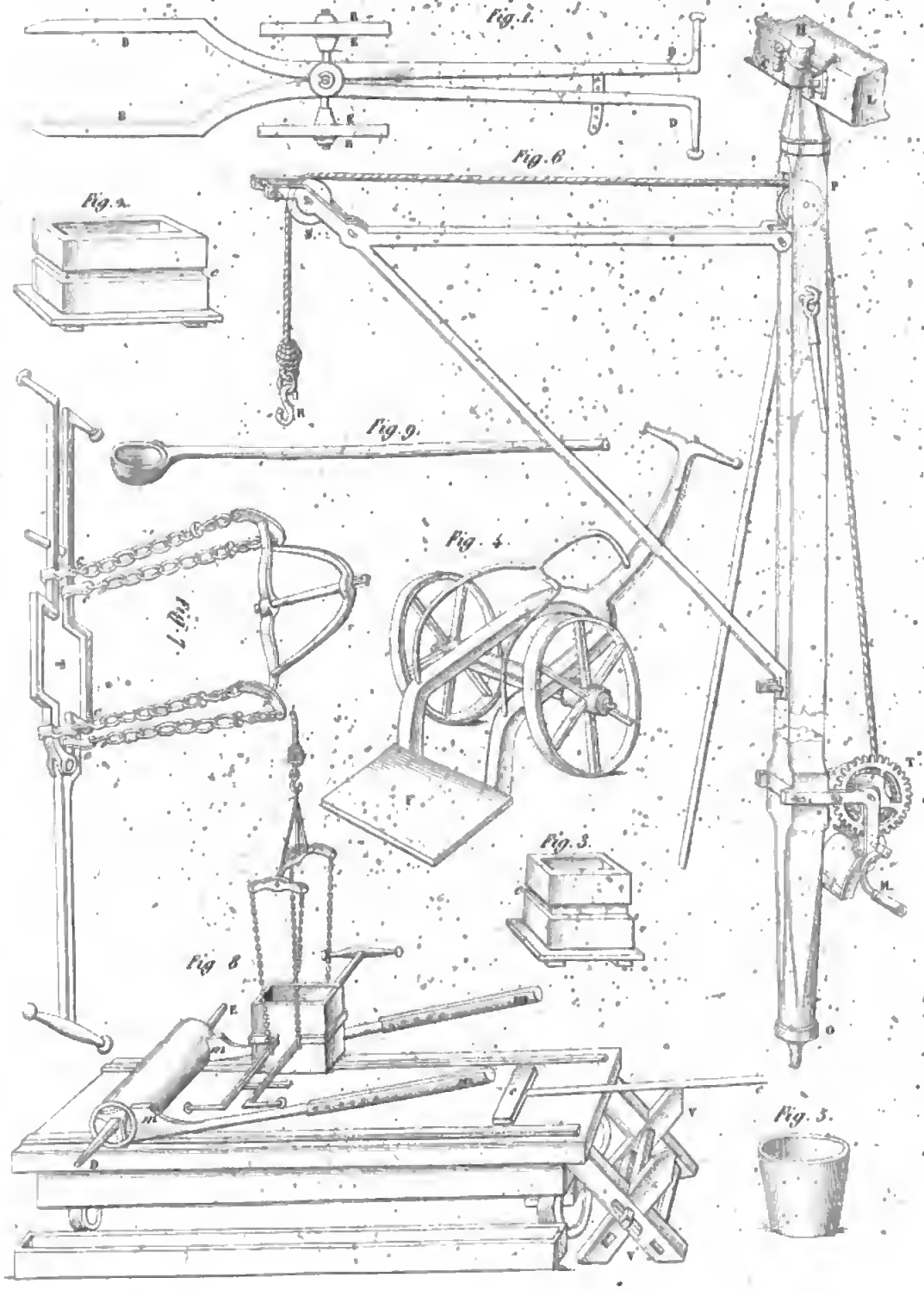
TORCHIO STRETTOJO

SPECCHI



Digitized by Google

SPECCHI



Digitized by Google

SPECCHI

Fig. 1.

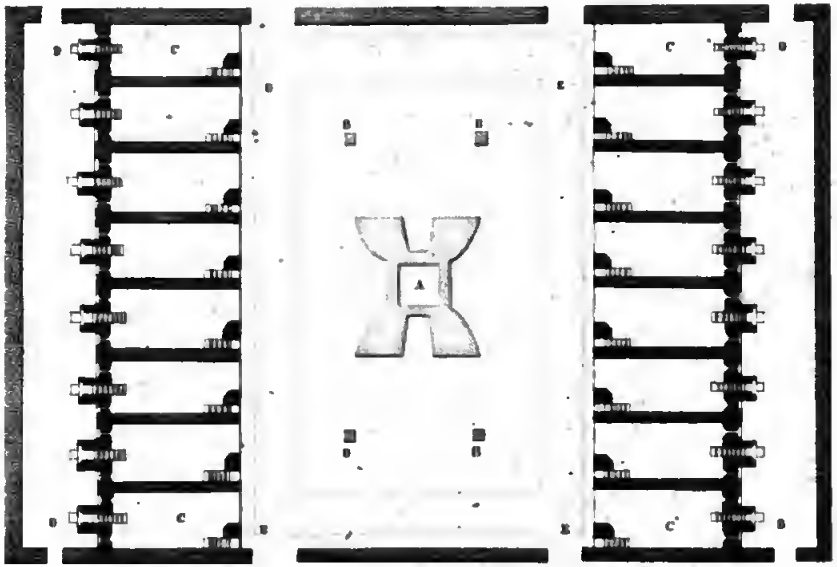


Fig. 3.

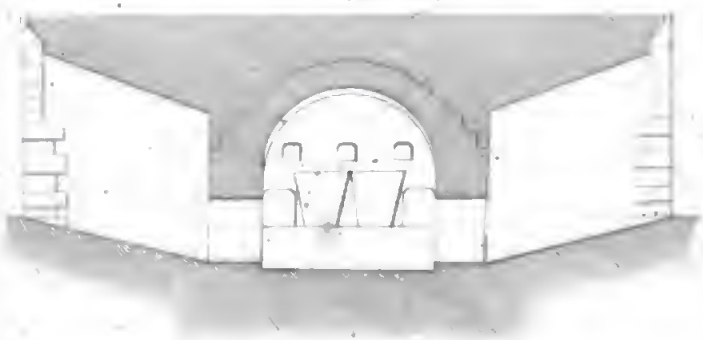


Fig. 4.

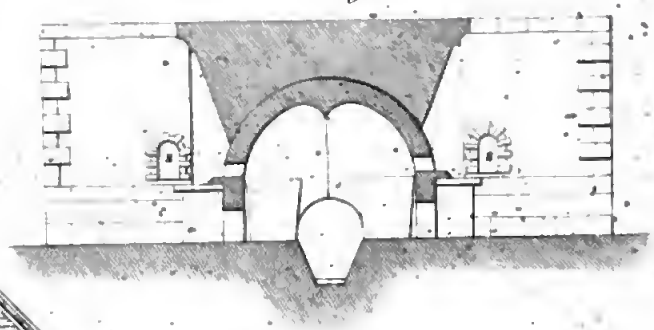
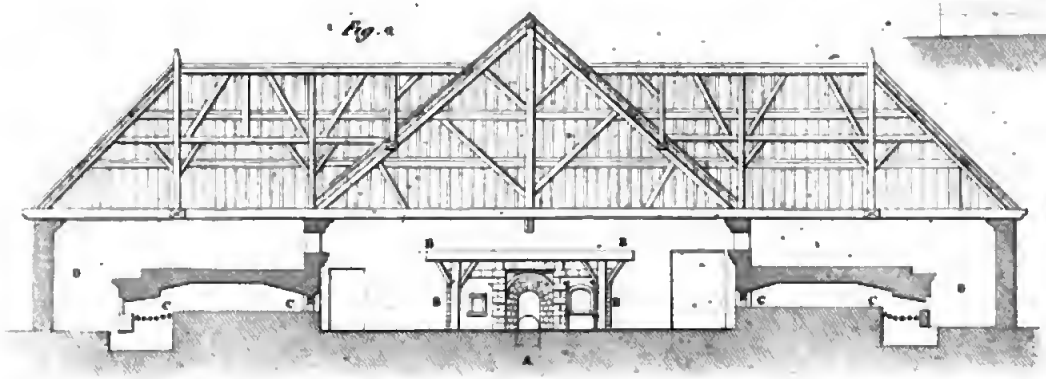
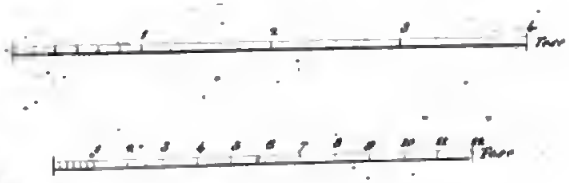
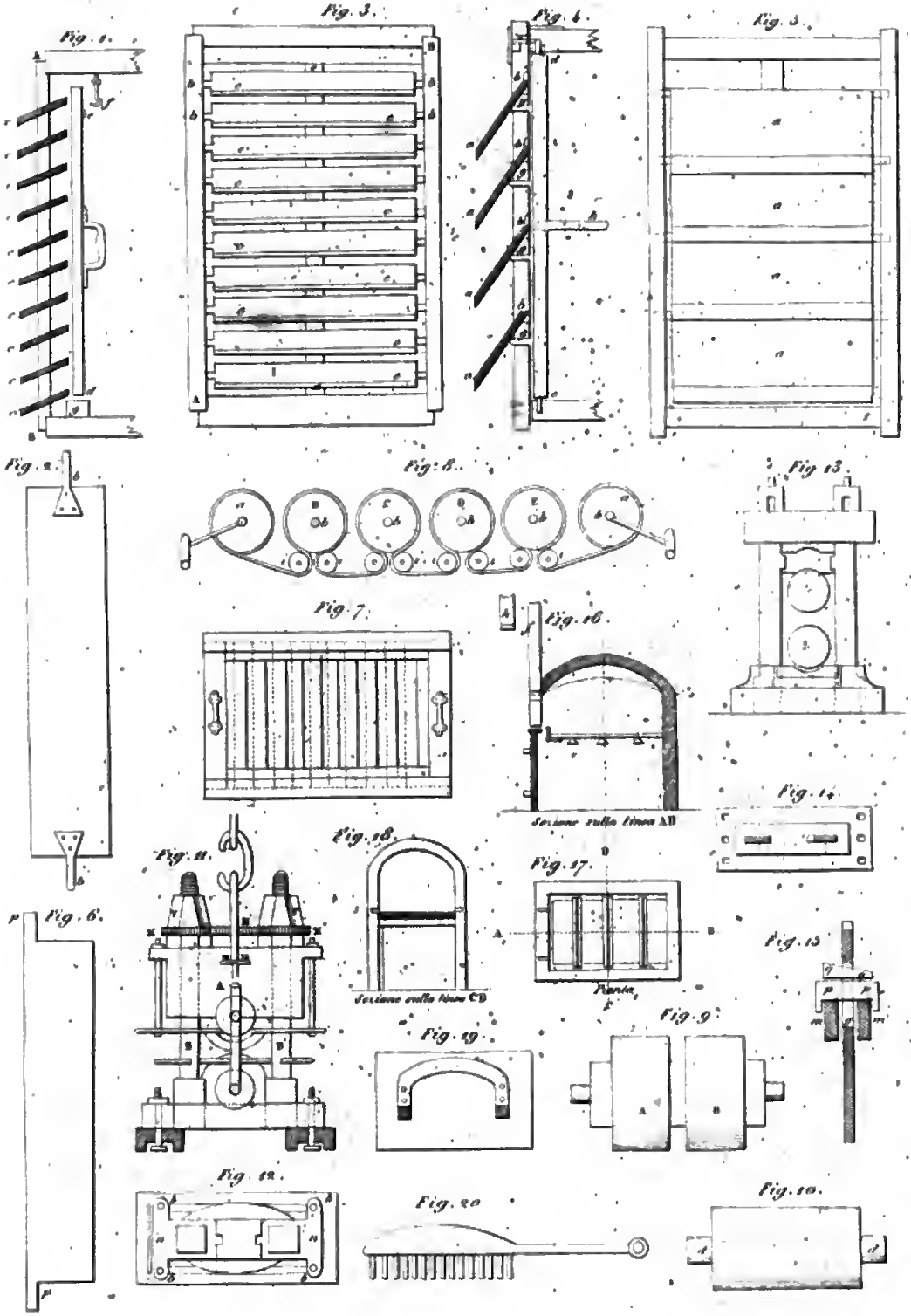


Fig. 2.

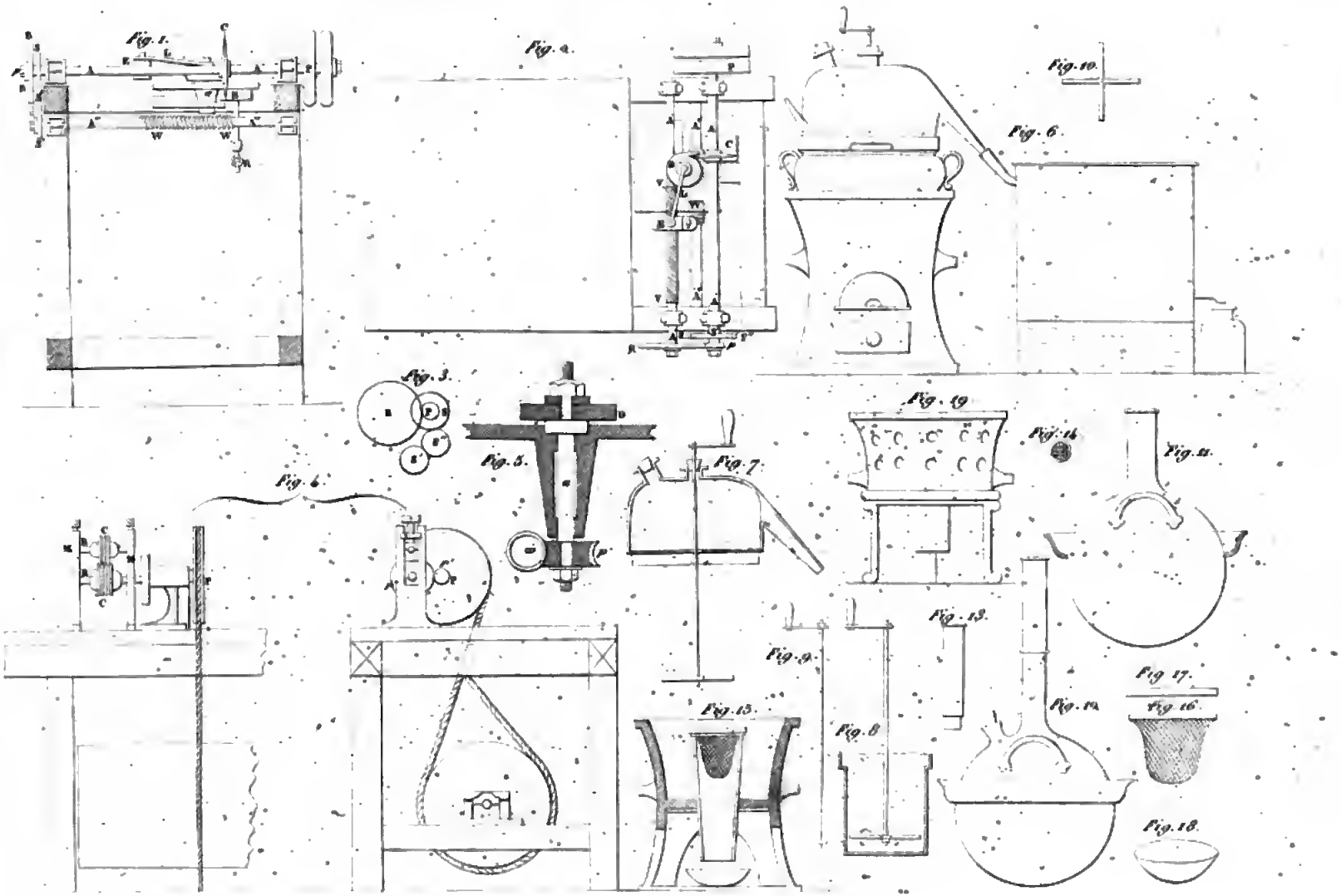




SECCATOI, TIRATURA DELLA LAMIERA



TELE INCERATE, TESSUTI ELASTICI, FILI DI GOMMA ELASTICA



ARTI E MESTIERI

TELAJO ALLA JACQUART

Fig. 1.

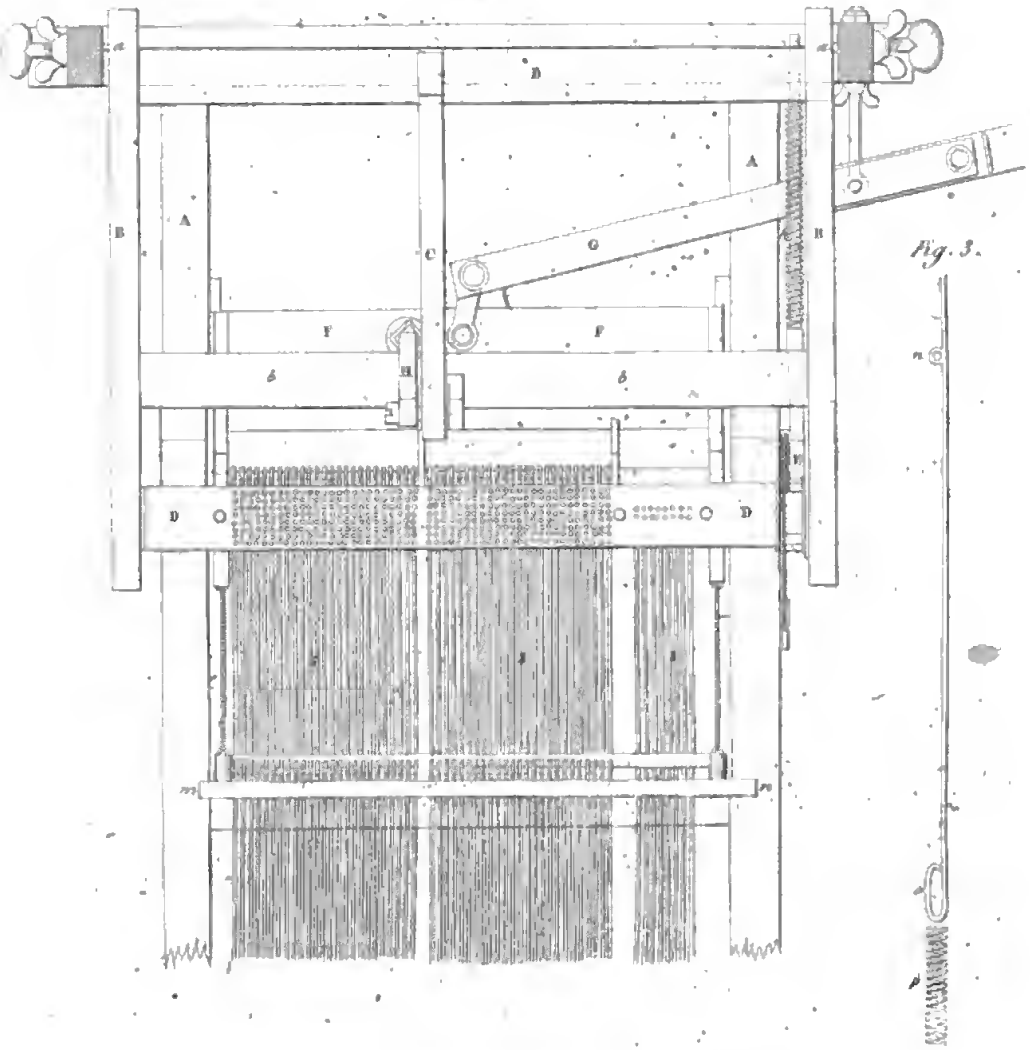


Fig. 3.

Fig. 2.

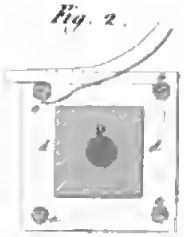
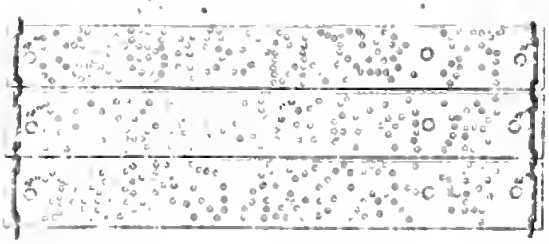


Fig. 4.



Digitized by Google

TELAJO ALLA JACQUART

Fig. 2.

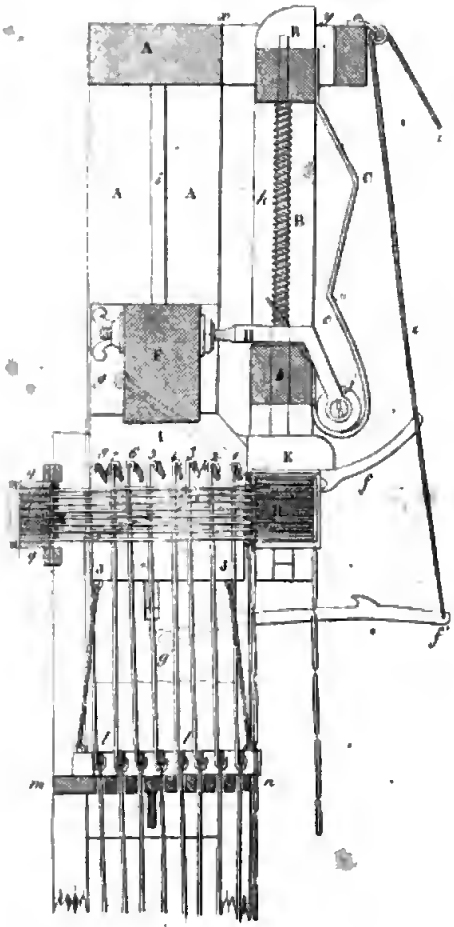


Fig. 1.

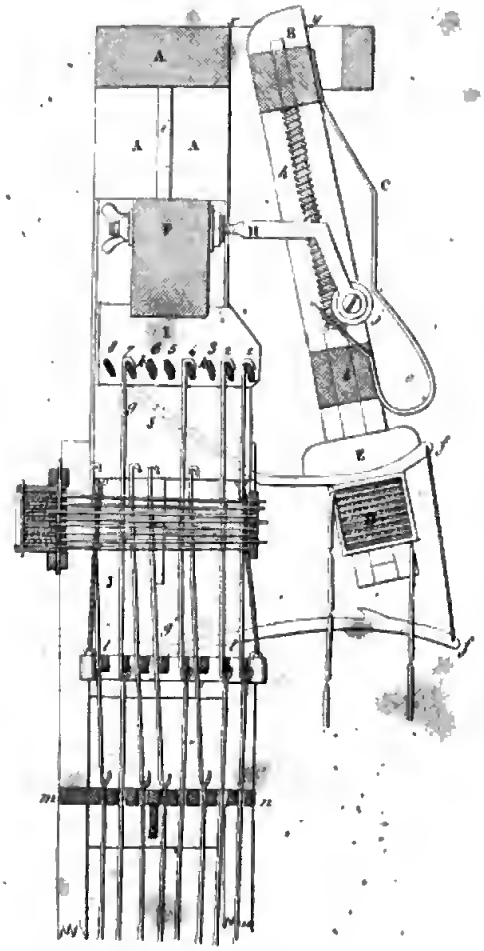


Fig. 4.

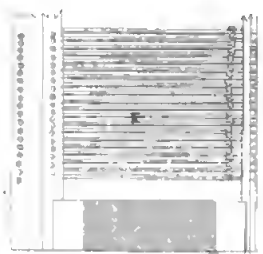
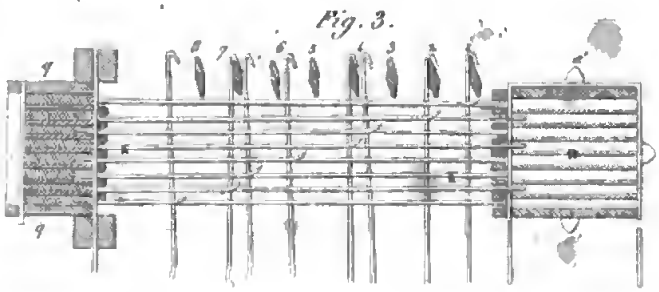
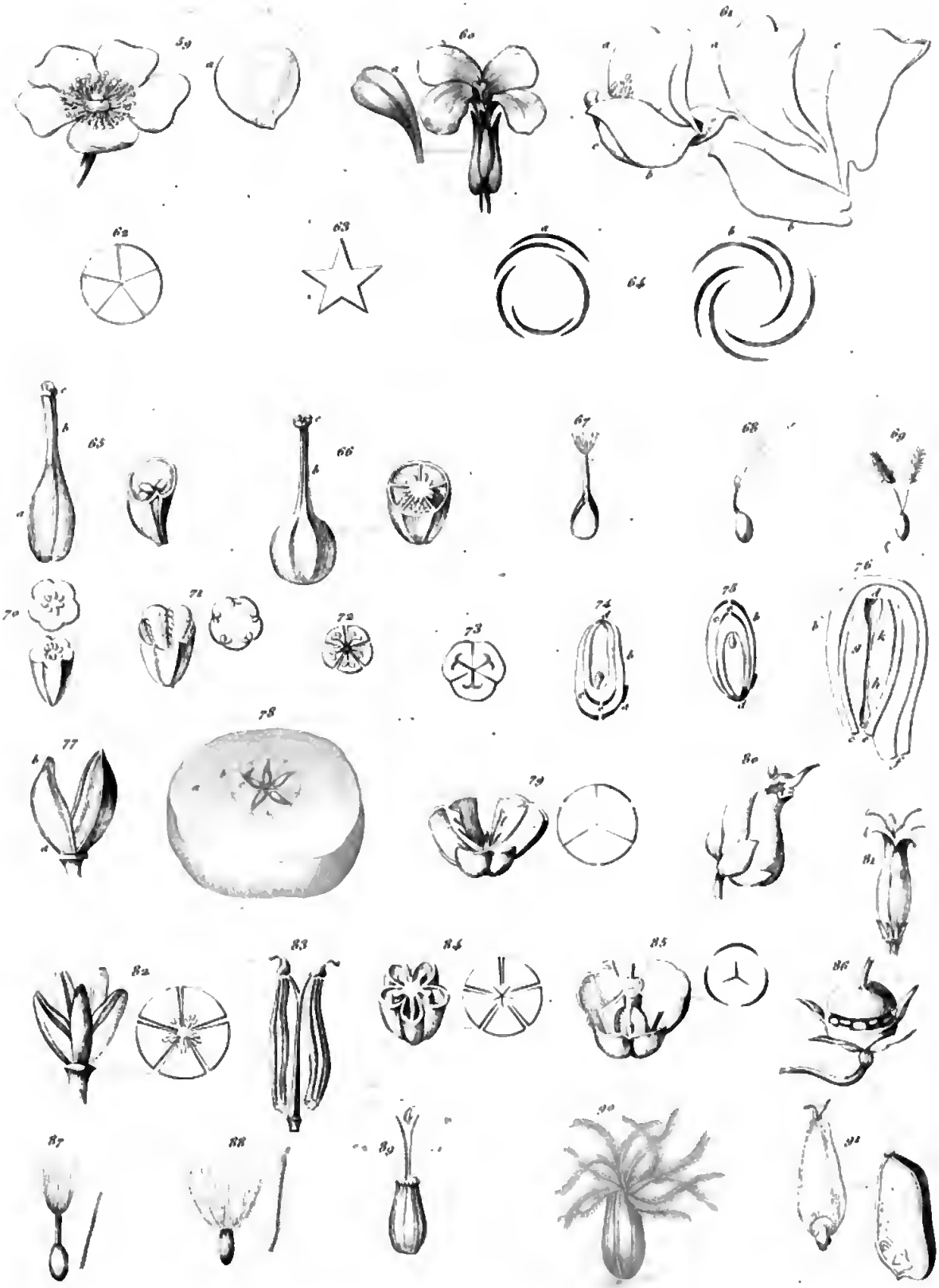


Fig. 3.

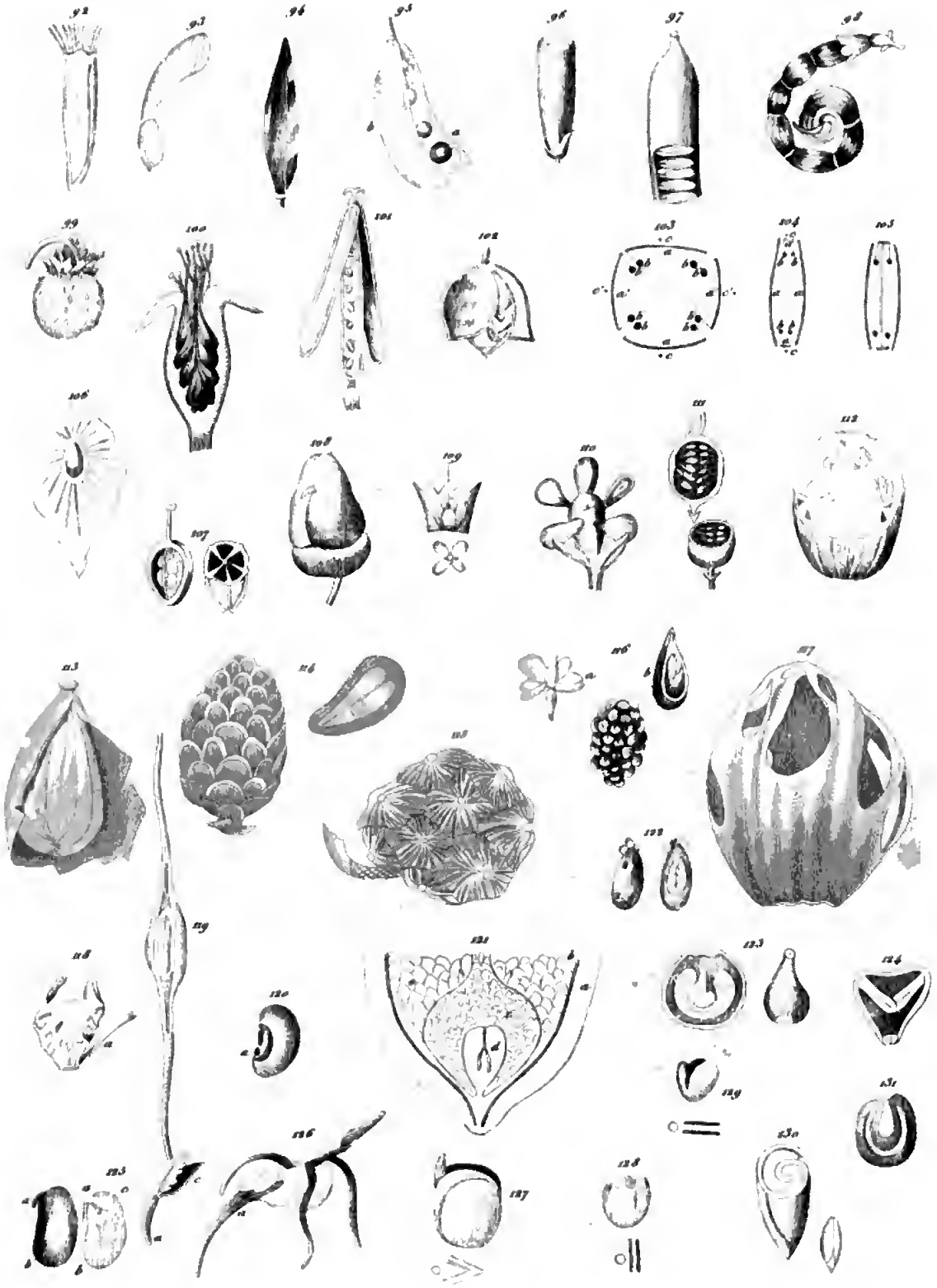


Digitized by Google

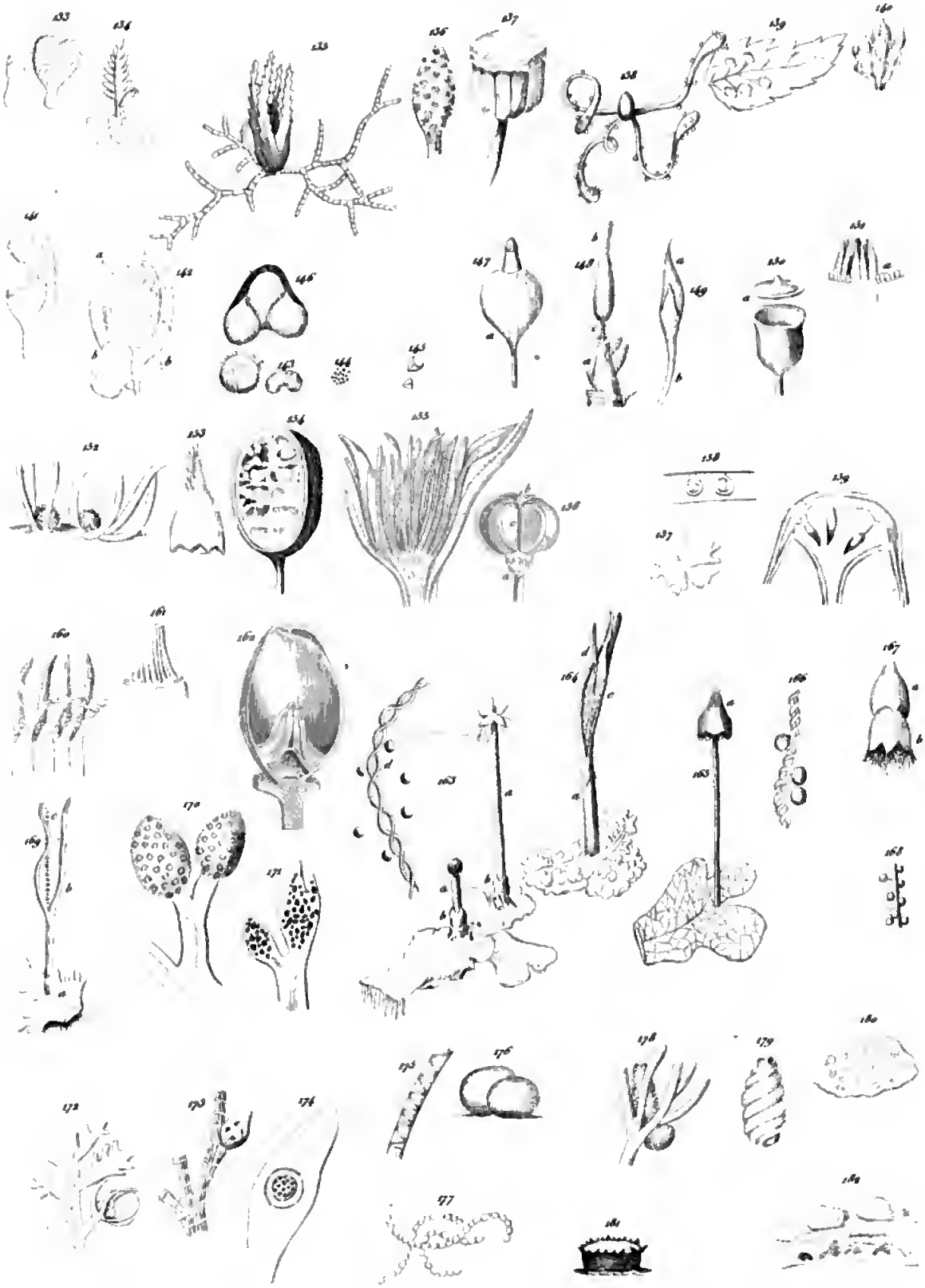
Digitized by Google



Digitized by Google



Digitized by Google



183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219

ARCHITETTURA

TEMPI ANTICHI

Tempio di Giove Capitolino

Tempio di Giove e Giunone
Nel portico di Ottavia

Fig. 1

Fig. 2

Fig. 3

Fig. 4

PRINCIPII DI FIGURA

Fig. 1

Fig. 2

Fig. 3

Fig. 4

TESTE A CONTORNO, DA STATUE ANTICHE

Fig. 1

Fig. 2

Fig. 3

Fig. 3

Fig. 4

Digitized by Google

ESTREMITA'

Fig. 1

Fig. 2

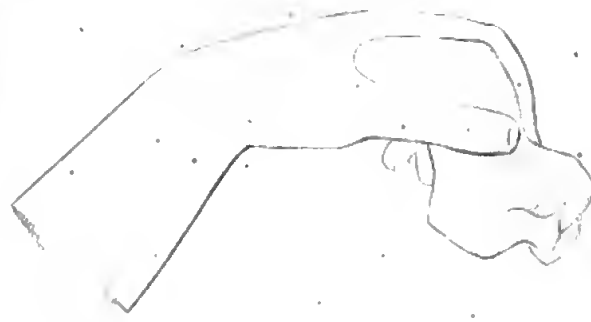


Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Digitized by Google

ESTREMITA'

Fig 1.

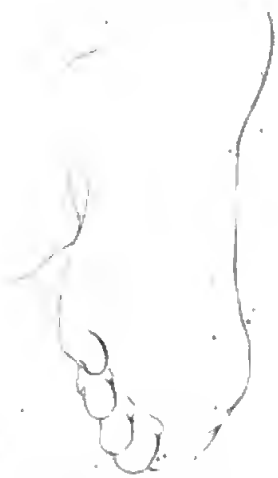


Fig. 2

Fig 3

Fig 4.

Fig 5

Fig 6

Fig. 7

Fig 8

Digitized by Google

Apollo di Belvedere

Giove

Ninfa della conchiglia

Putto con oca

Digitized by Google

STATUE

Fig 1

Venere Medicea

Fig. 2

Ebe di Canova

Fig. 3

Giovane che si trae una spina dal piede (Statua antica)

Fig. 4

Venere al bagno

TESTE ANTICHE AIUTATE DI MEZZ' OMBRA

Fig 1

Fig 2

Fig. 3

Fig 3

Fig 4

Digitized by Google

DISEGNO

STATUE ANTICHE

Niobe e figlia

Ercole Farnese

Calliope

Lottatori

Digitized by Google

TUNNEL

Fig. 14.

Fig. 8.

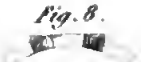


Fig. 9.

Fig. 13.

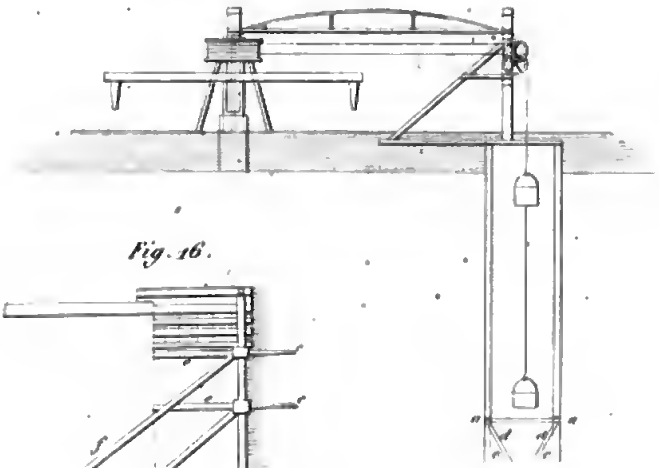


Fig. 16.

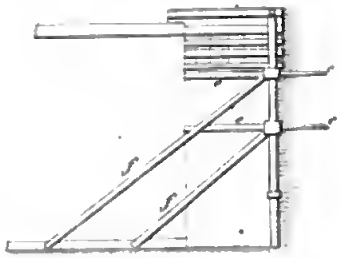


Fig. 17.

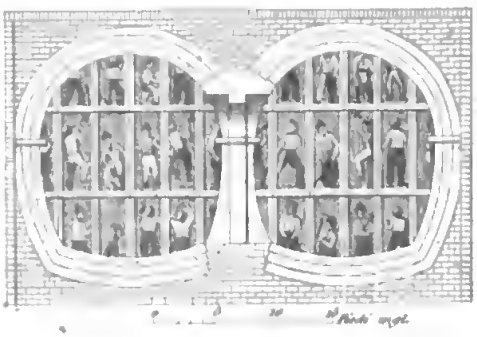


Fig. 18

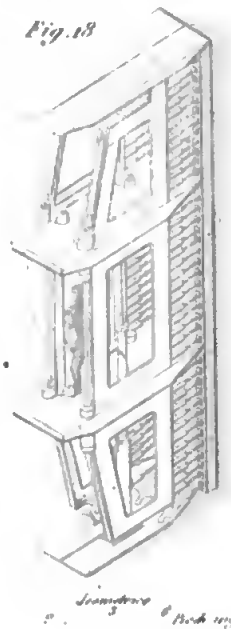


Fig. 12.

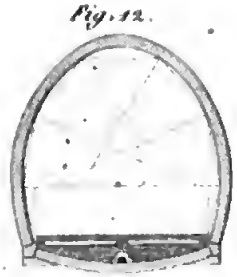
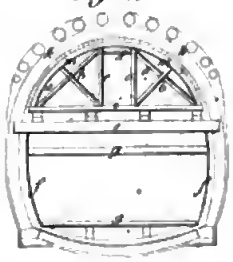


Fig. 15.



STATUE E PITTURA

Bacco fanciullo, Sileno ed una baccante (pittura antica d'Ercolano)

Il Gladiatore Borghese

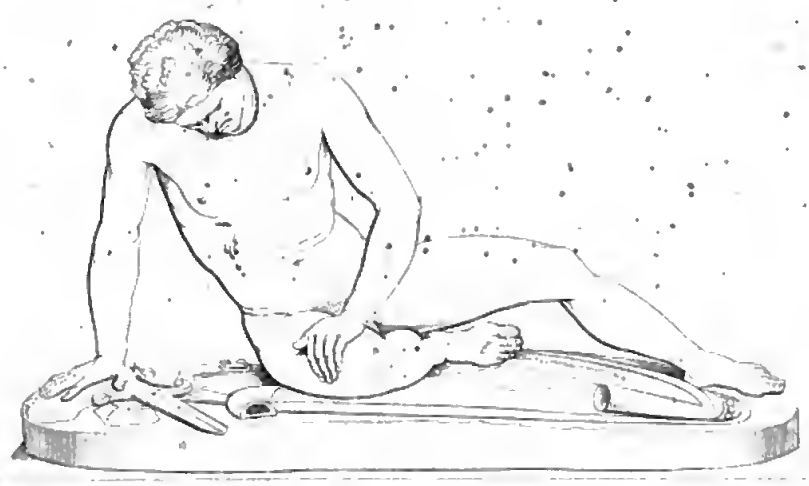
Diana Borghese

Il Pudore (statua moderna)

STATUE ANTICHE

Paride, o Ganimede

Laocoonte ed i suoi figli



Gladiatore morente

Fac-simile del frontespizio della Bibbia Pauperum.

ARCHITETTURA

VIADUTTI

Fig. 2.

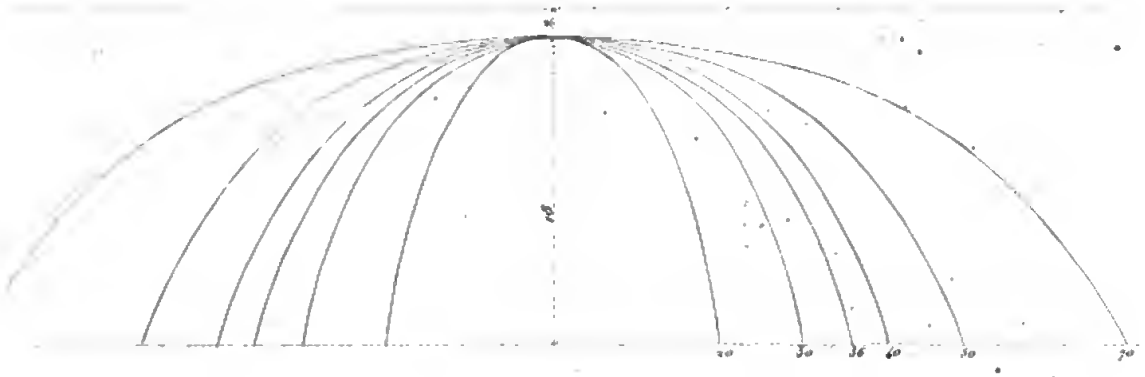


Fig. 1.

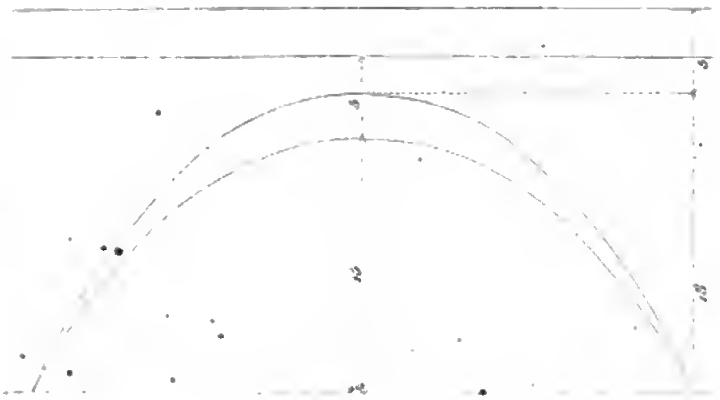
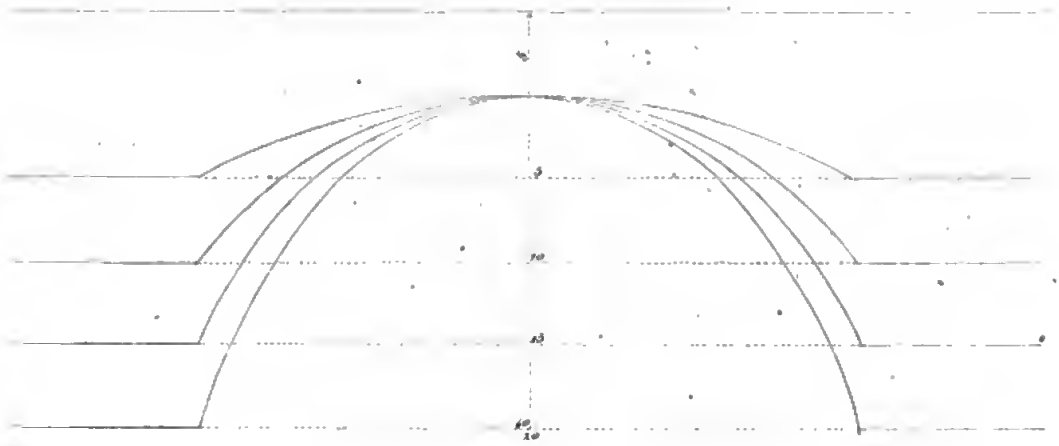


Fig. 3.

Fig. 5.

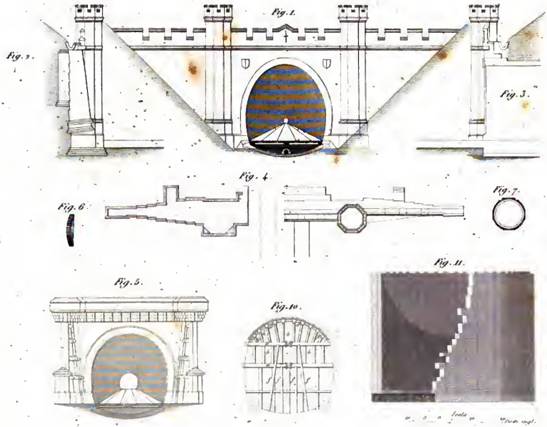
Fig. 4.



Digitized by Google

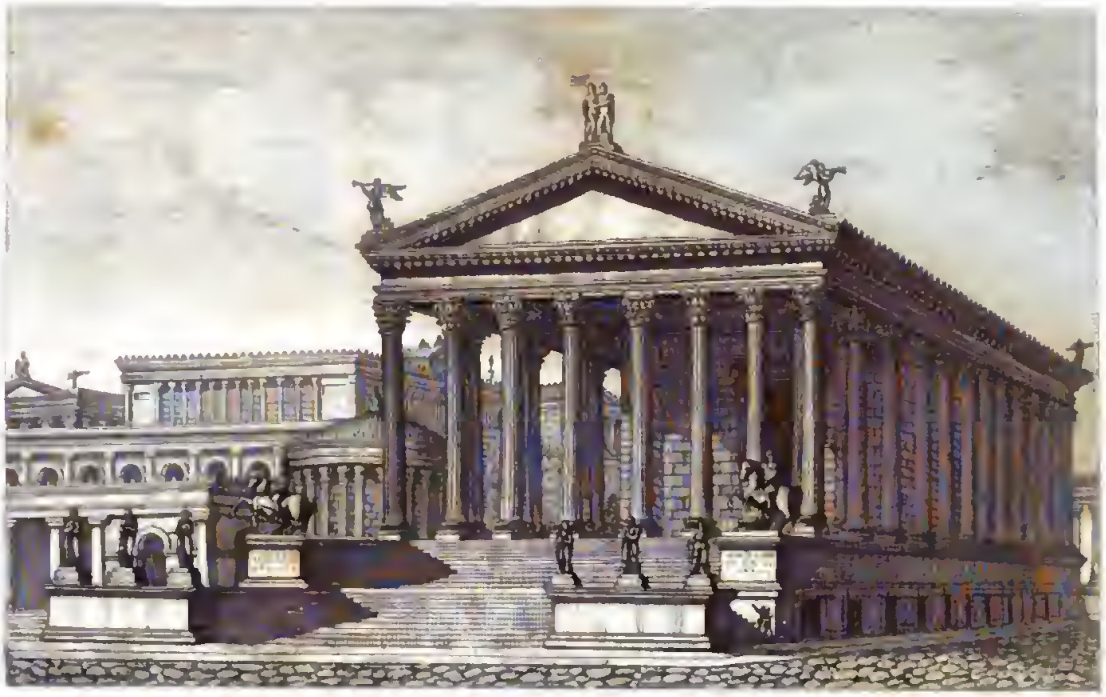
ARCHITETTURA

TUNNEL



Tempio Jonico in Atene | *Tempio di Minerva Suniade*

Tempio Periptero di Selinunte



Tempio di Castore e Polluce

Tempio di Giove Olimpico in Atene

Digitized by Google

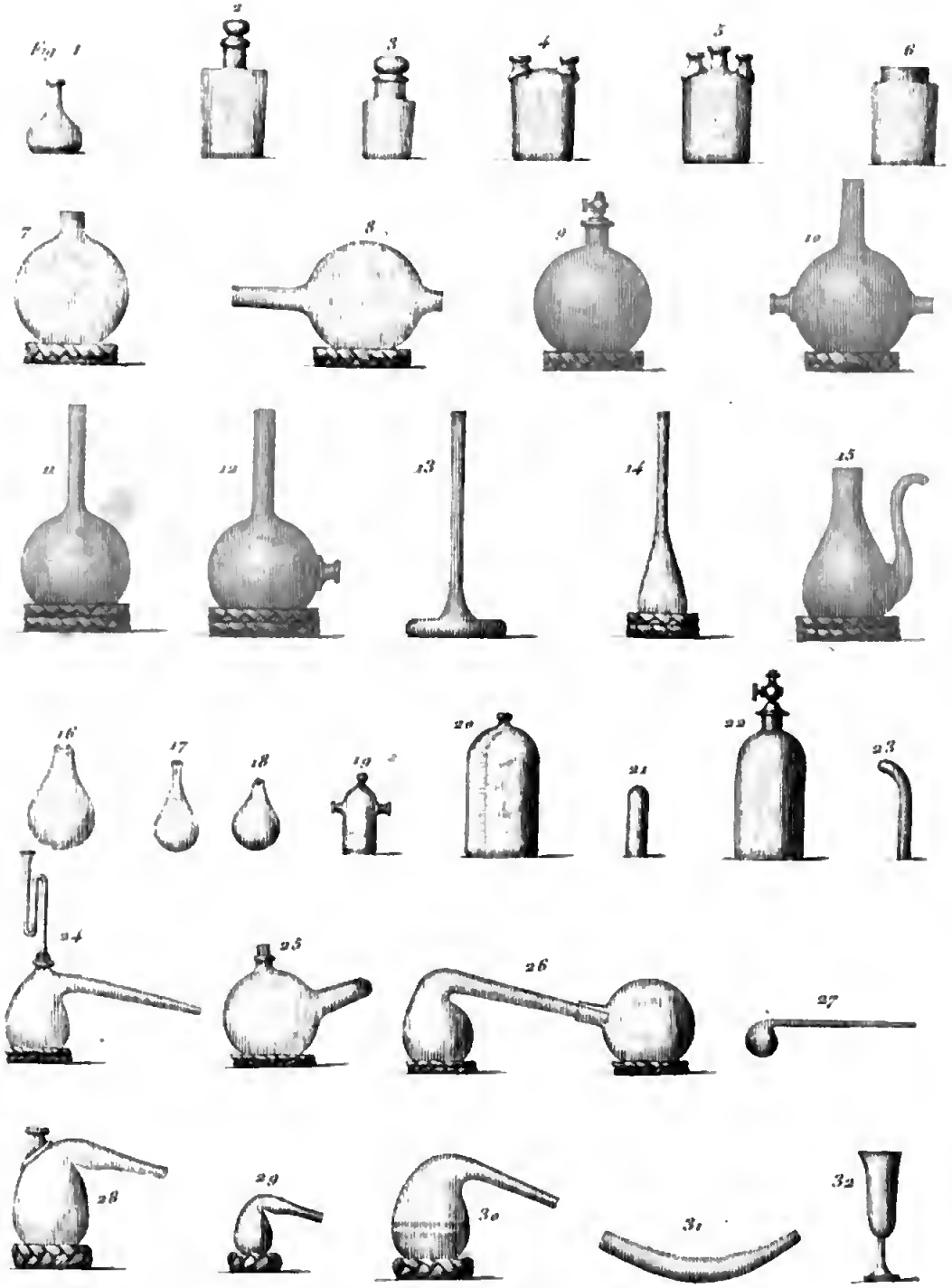


Fig. 1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

Fig 33
Fig 34
Fig 35
Fig 36
Fig 37
Fig 38

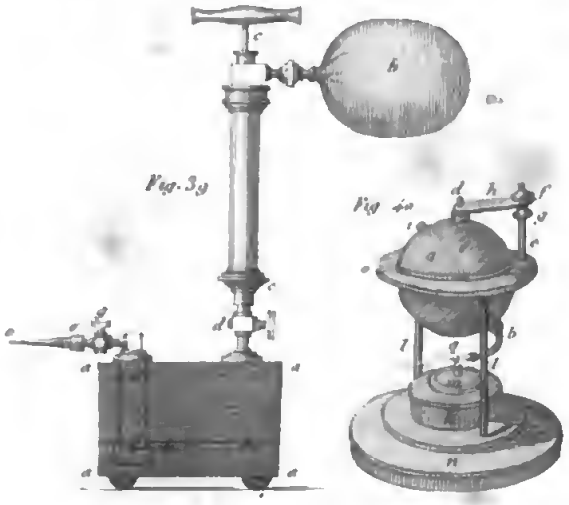


Fig 39
Fig 40

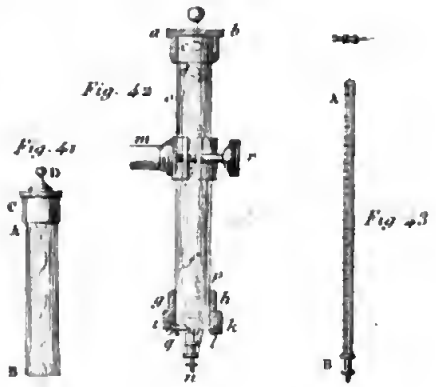


Fig 41
Fig 42
Fig 43

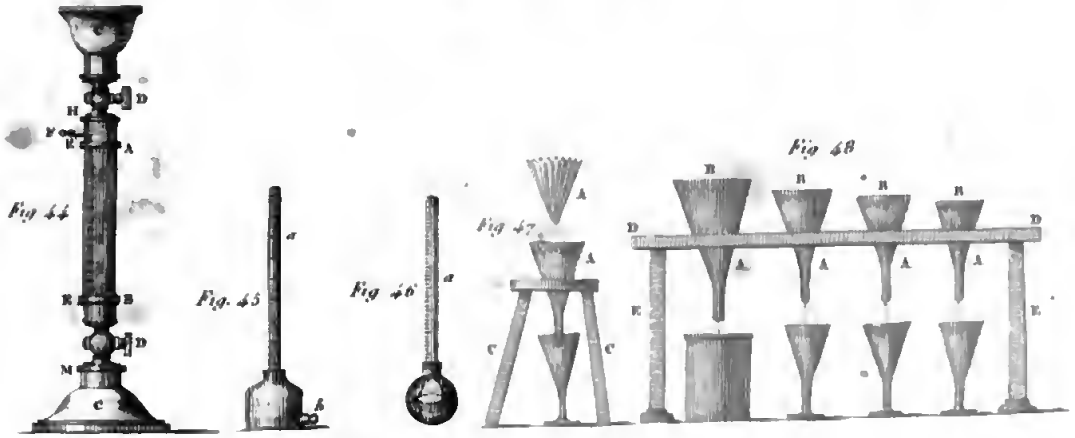


Fig 44
Fig 45
Fig 46
Fig 47
Fig 48

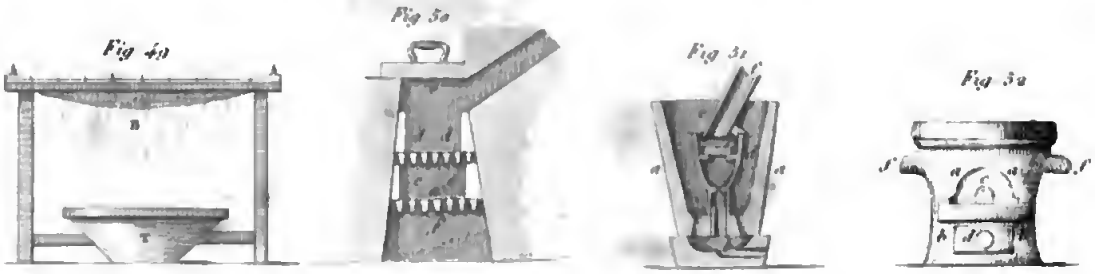


Fig 49
Fig 50
Fig 51
Fig 52

Fig 55

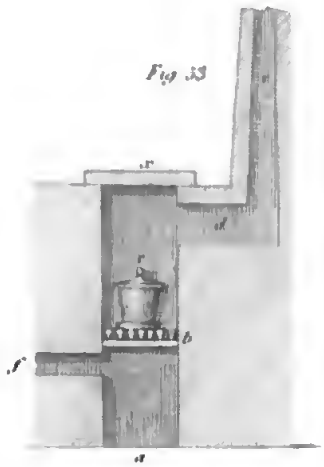


Fig. 54

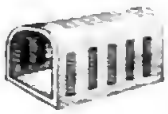


Fig. 53

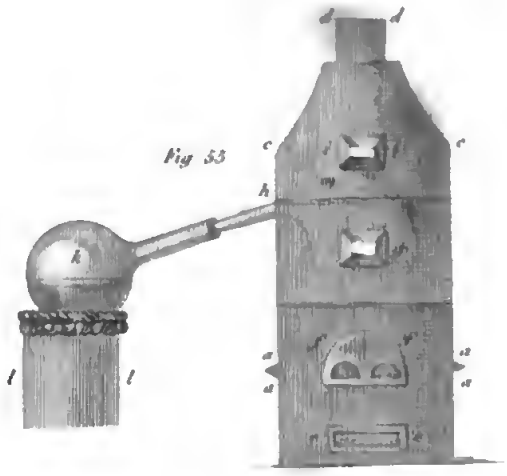


Fig 56

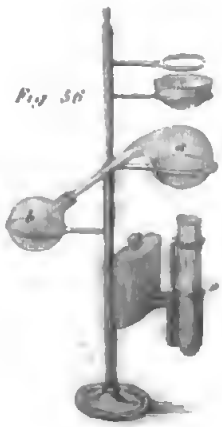


Fig. 57

Fig. 58

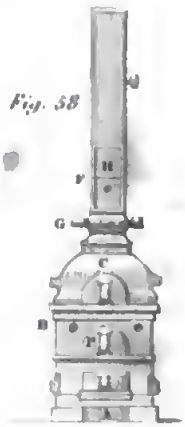


Fig 59

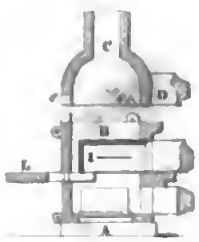


Fig 60

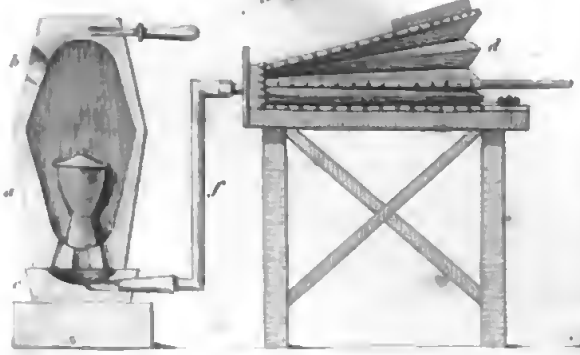
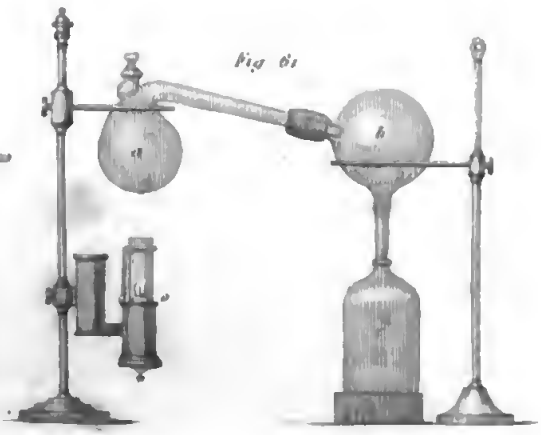



Fig 61